

## **APPENDIX H**

### **CASE 3S6E SUPPLEMENTAL INFORMATION**

**HNF-SD-WM-SP-012**  
**Revision 2**

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## APPENDIX H

### CASE 3S6E SUPPLEMENTAL INFORMATION

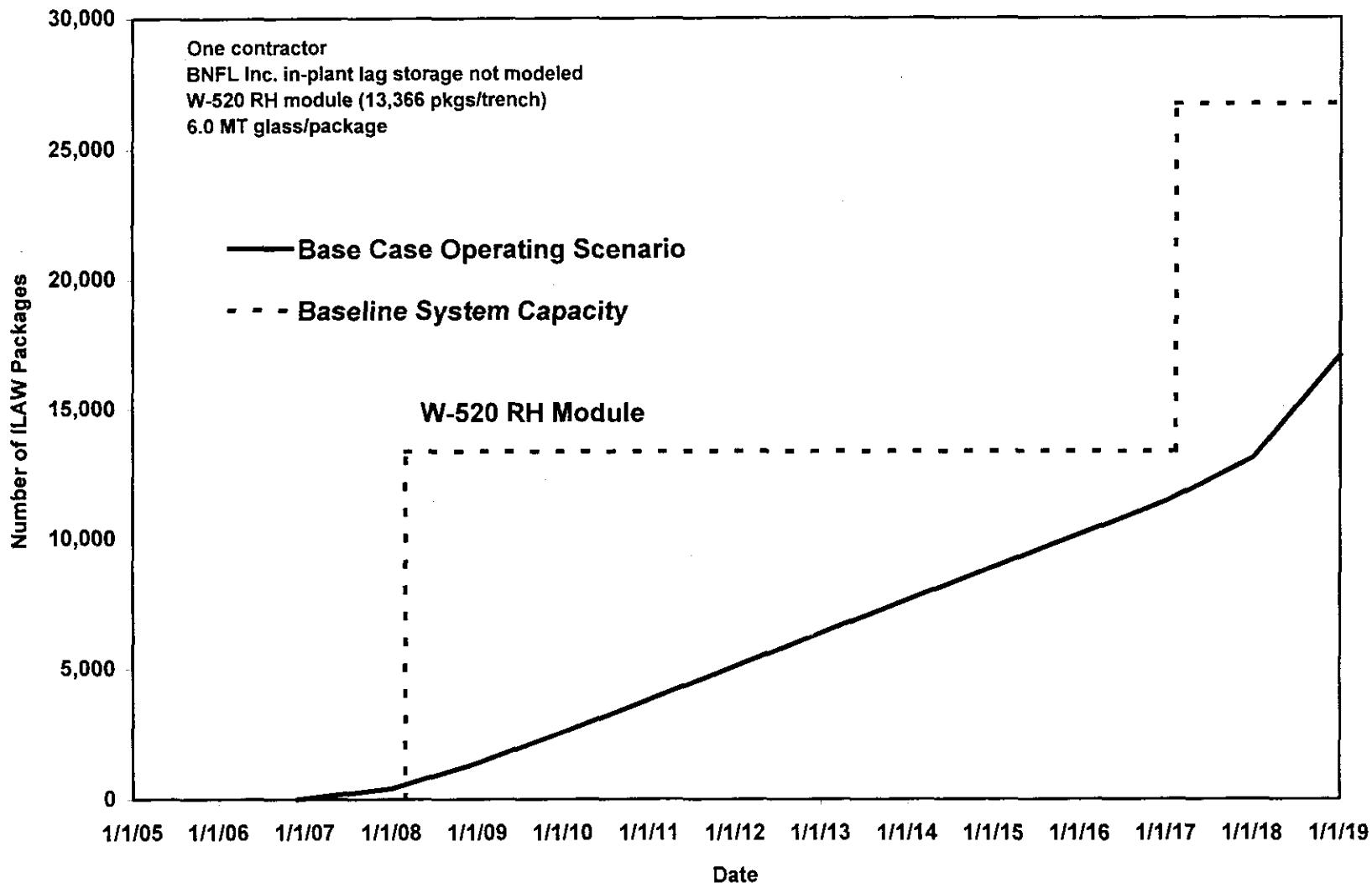
#### H1.0 SUMMARY GRAPHICS

This section contains Scenario 3S6E R2A supplemental information. Figures H1-1 and H1-2 are plots of the Phase 1 LAW and HLW canister production and how they fit with their proposed storage and disposal project schedules. Figure H1-3 displays the cumulative IHLW canisters and units of LAW processed for the entire mission. These figures provide this information in a format typically used for management presentations and are added here for reference.

Figure H1-4 displays how each DST is utilized during the Phase 1 portion of the mission. It shows the staged LAW and HLW batches for delivery to BNFL Inc. during Phase 1. It also indicates the where the early SST waste retrievals during Phase 1 are staged prior to processing during Phase 2.

Figure H1-5 shows the tank usage allocation figures for double- and single-shell tanks providing waste feed to BNFL Inc.

Figure H1-1 Cumulative Phase 1 ILAW Packages and Disposal Project Capacities - Case 3S6E - R2A



### Cumulative Phase 1 IHLW Canisters and Storage Project Capacities - Case 3S6E - R2A

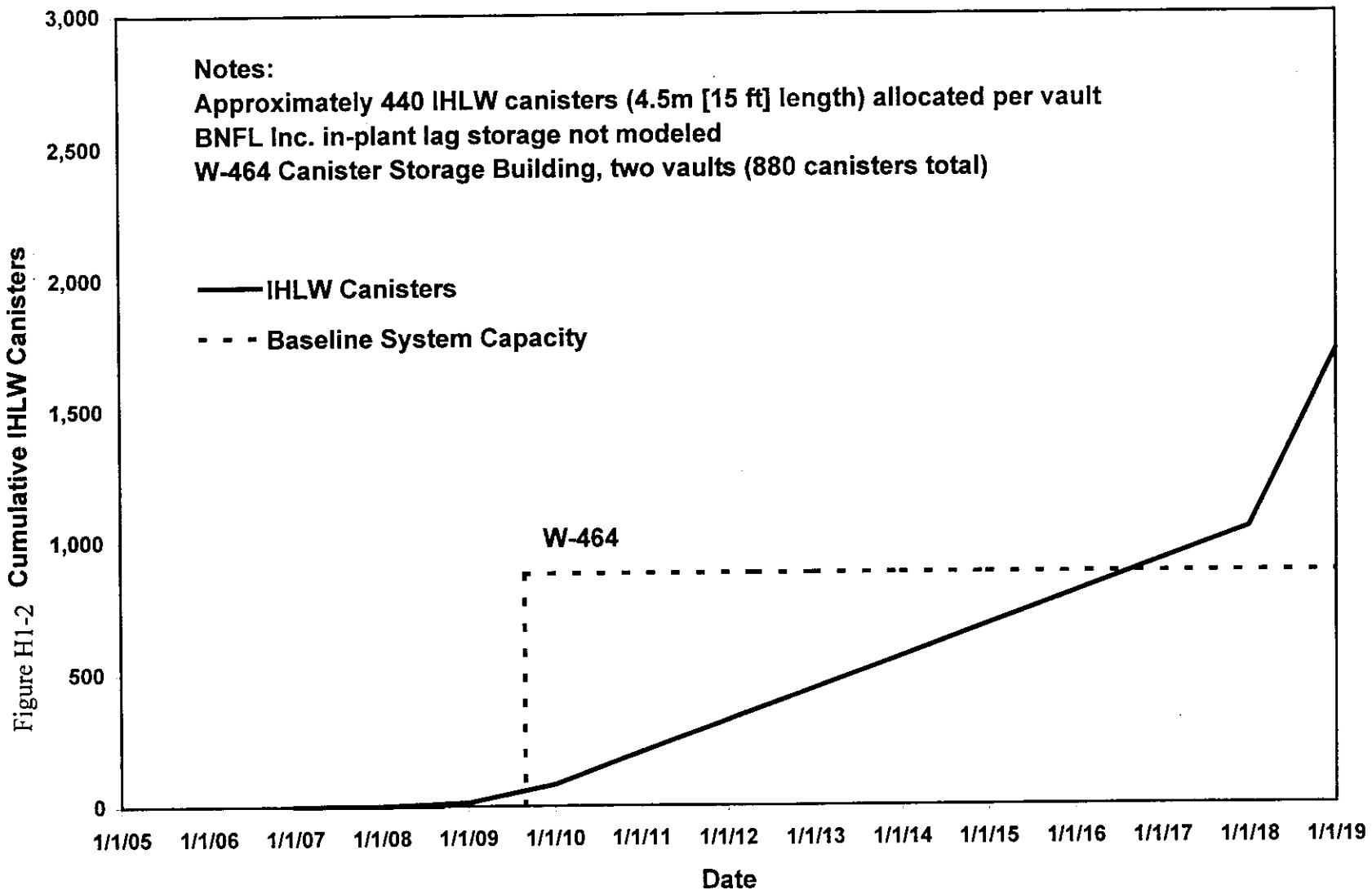


Figure H1-3 Low-Activity Waste and High-Level Waste Feed Staging - Case 3S6E - R2A

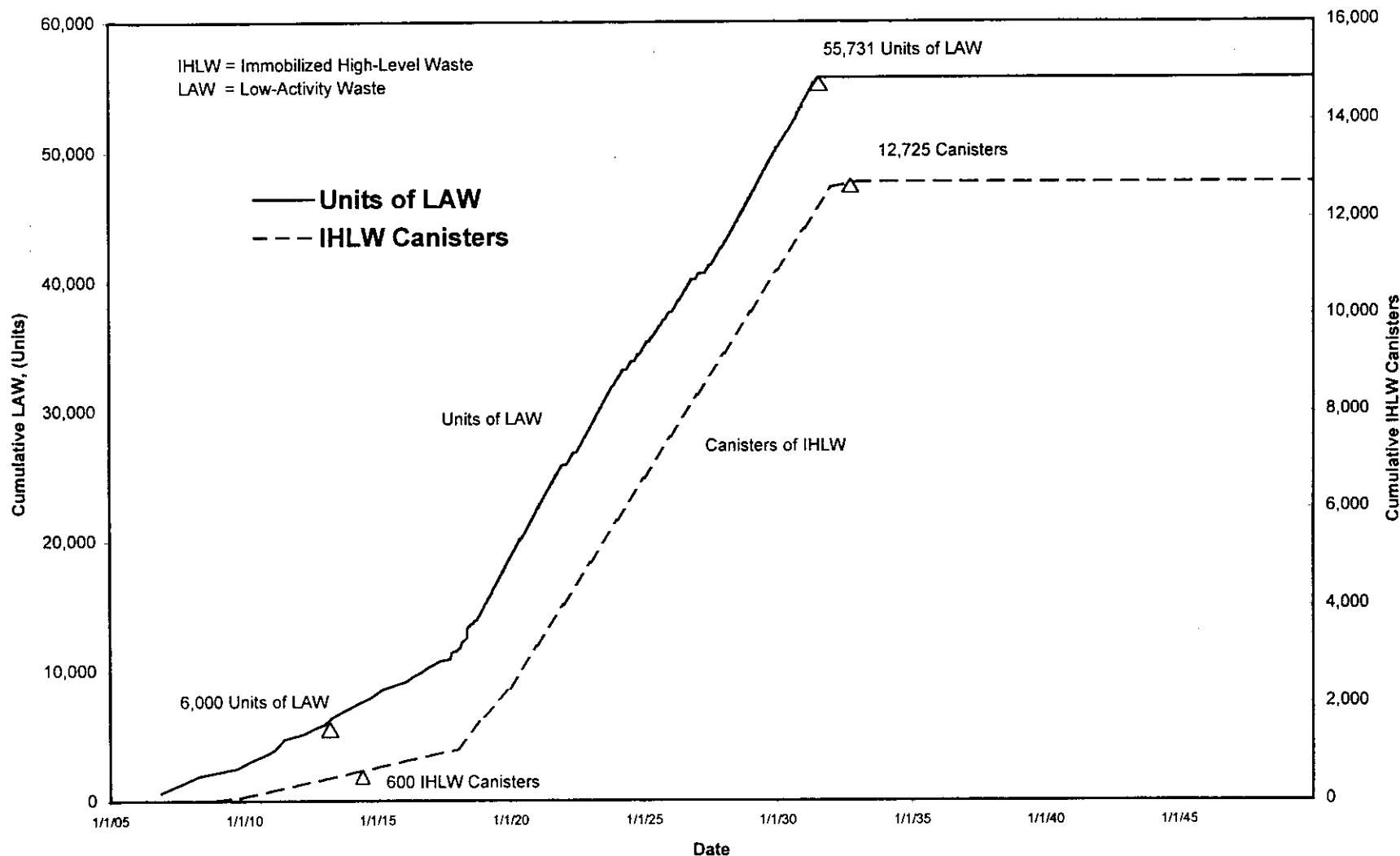
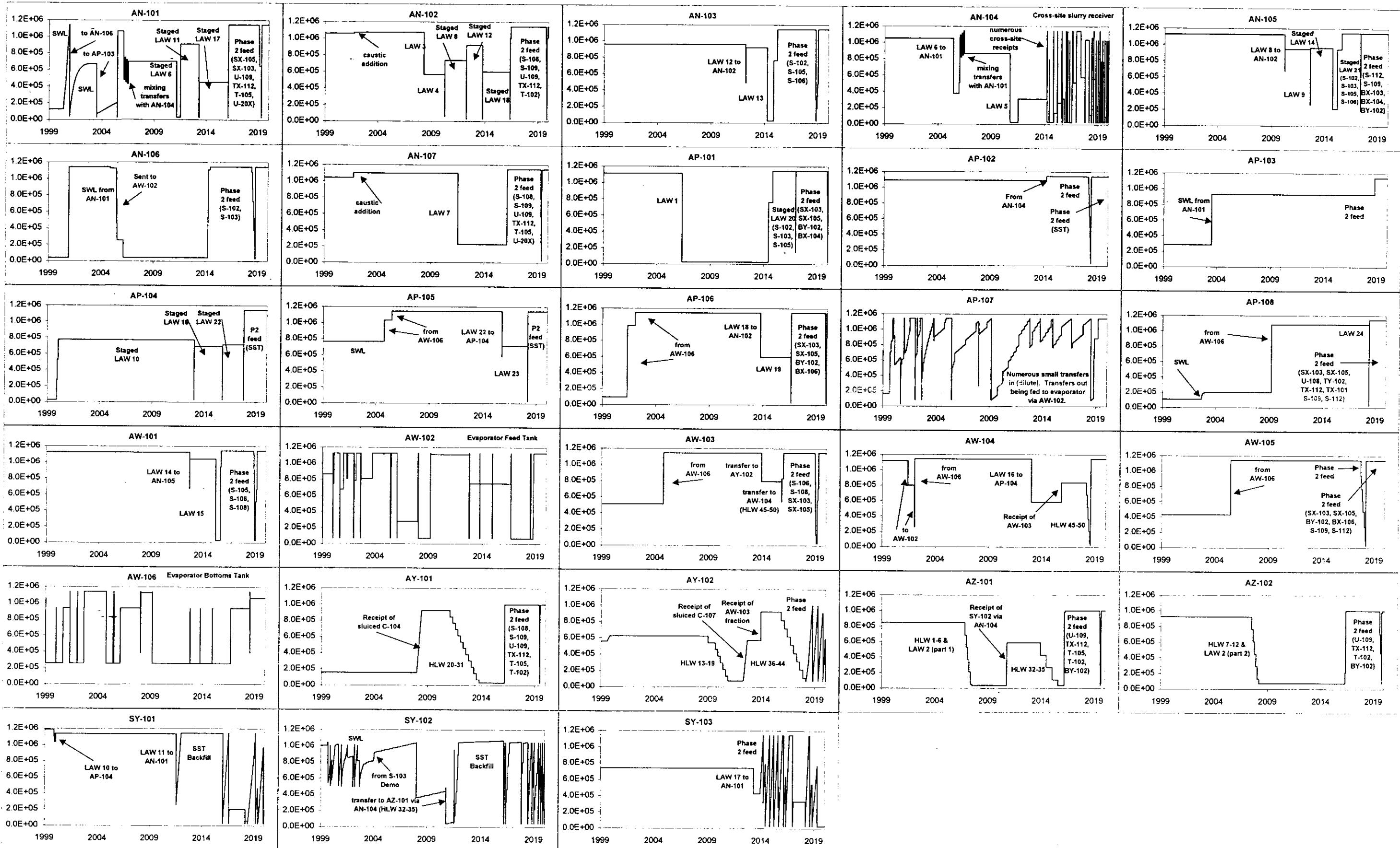
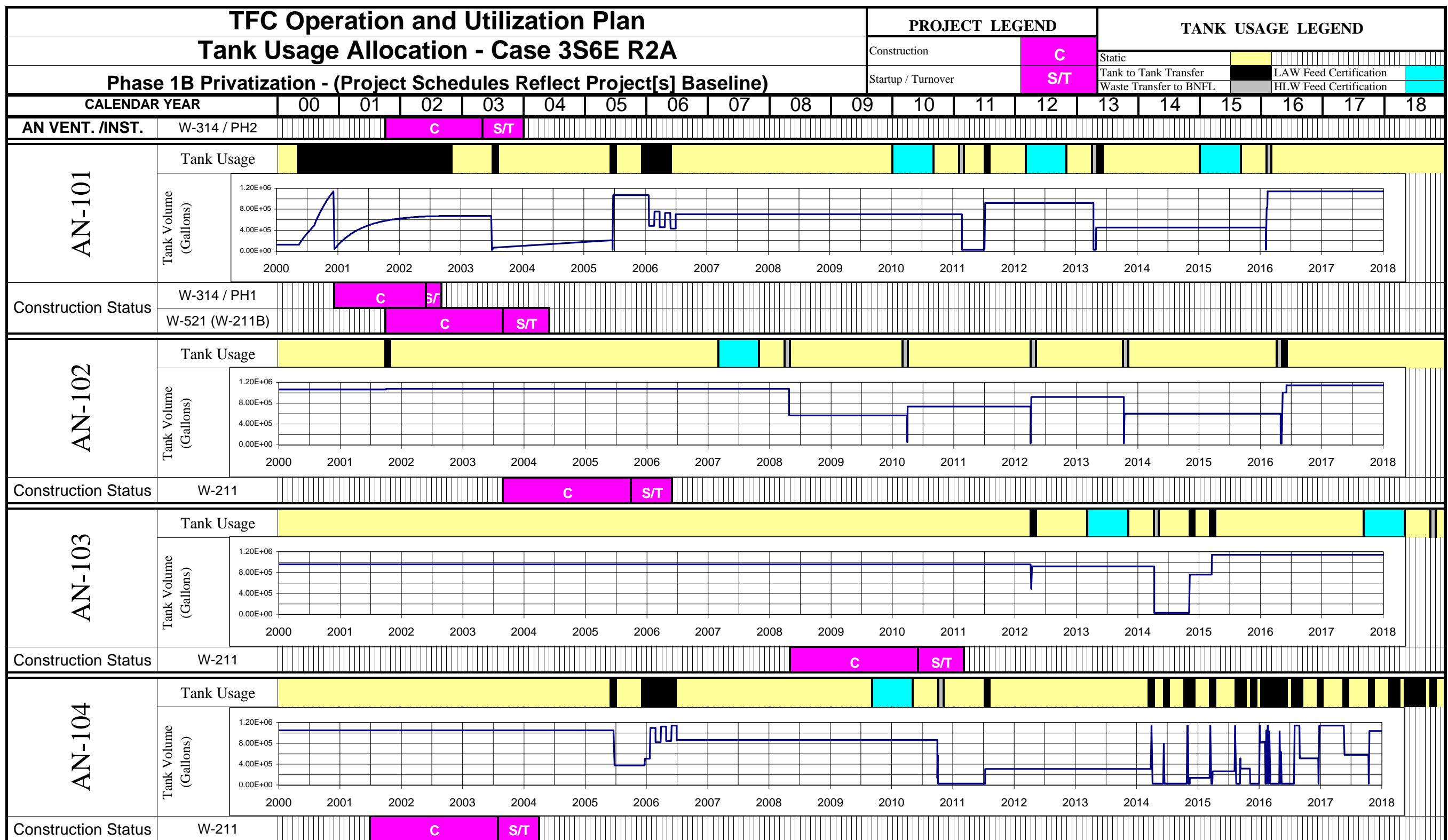
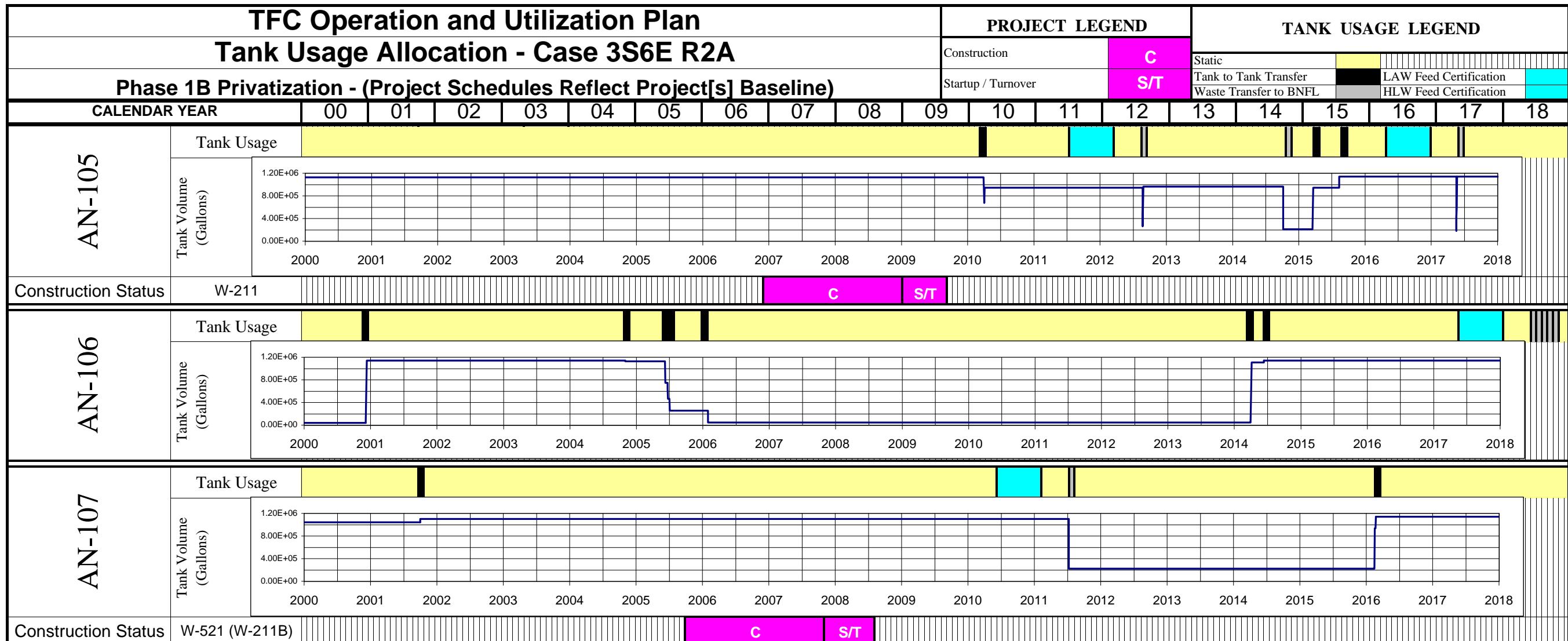


Figure H1-4 Tank Volume Plots for Case 3S6E R2A

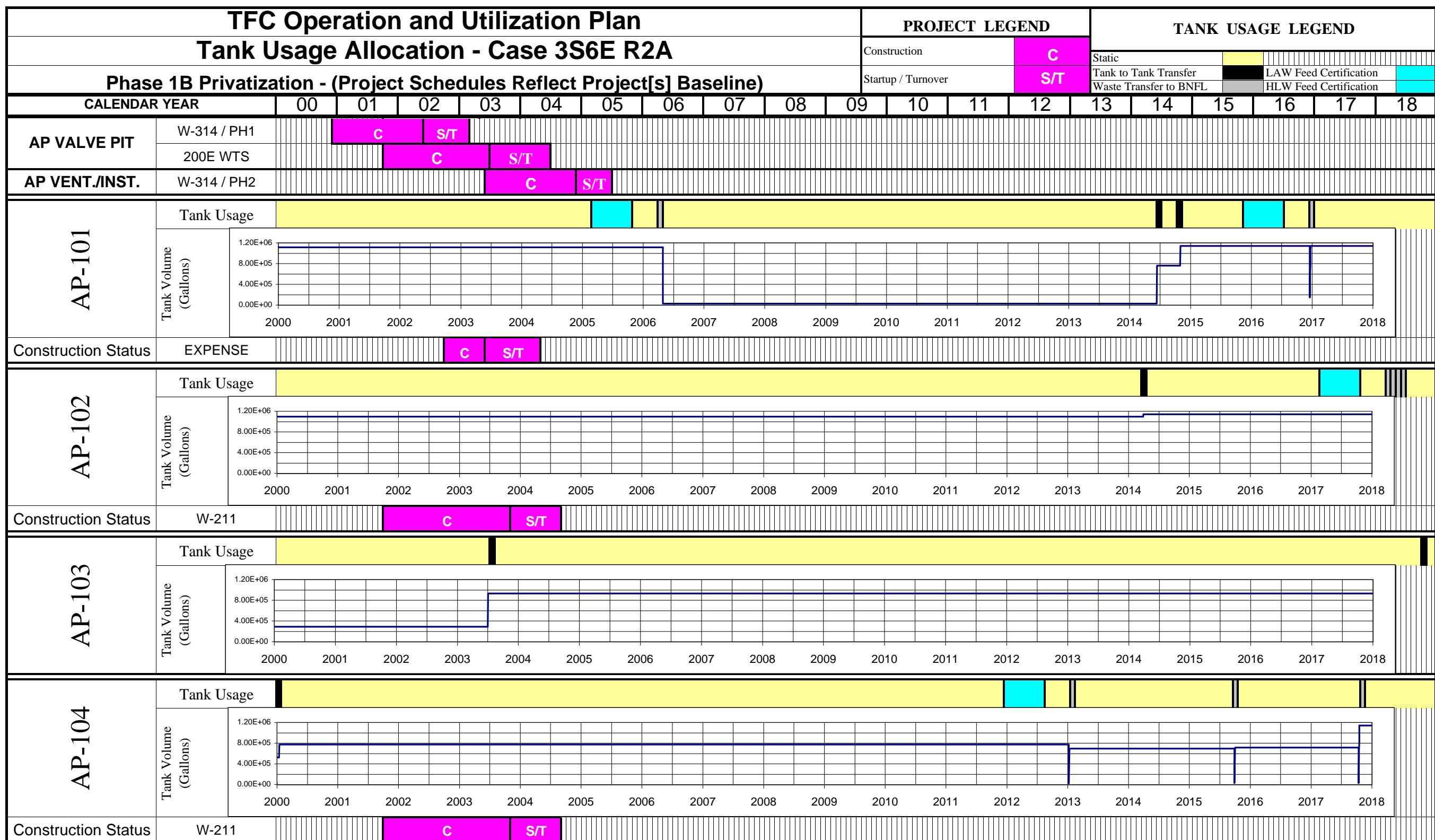




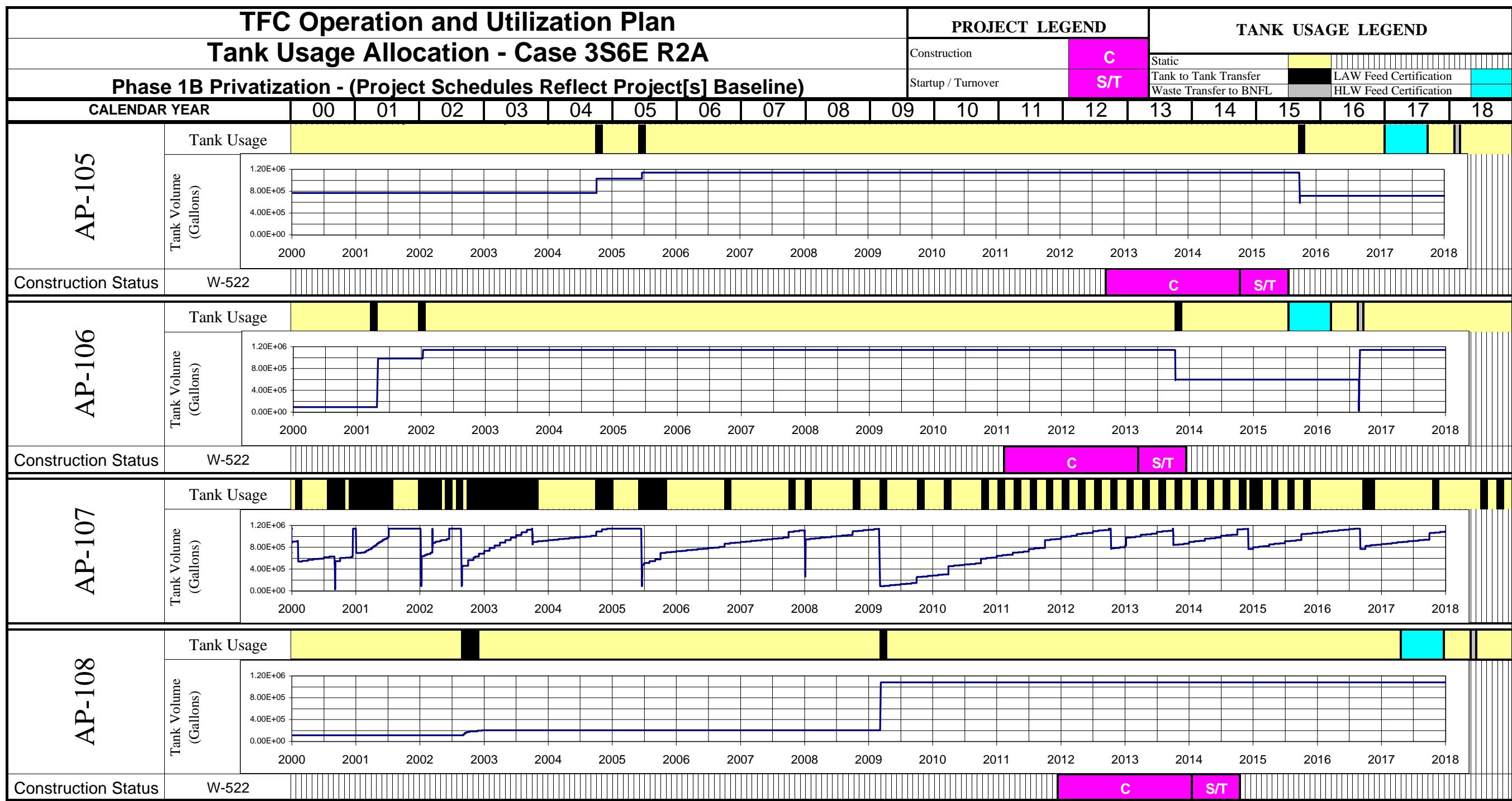
NOTES: 1) Time scales are approximate - do not use to determine schedule dates



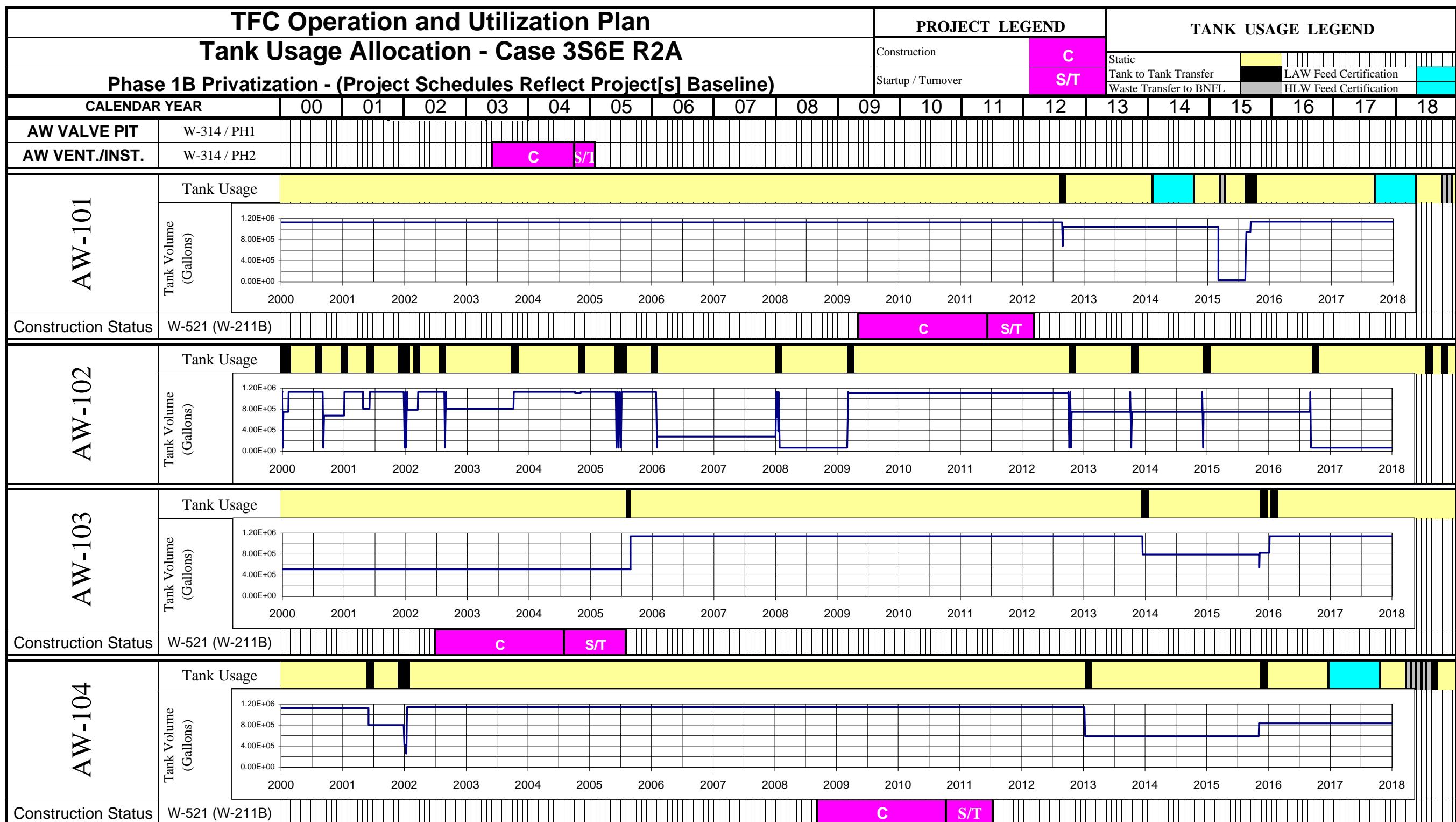
NOTES: 1) Time scales are approximate - do not use to determine schedule dates



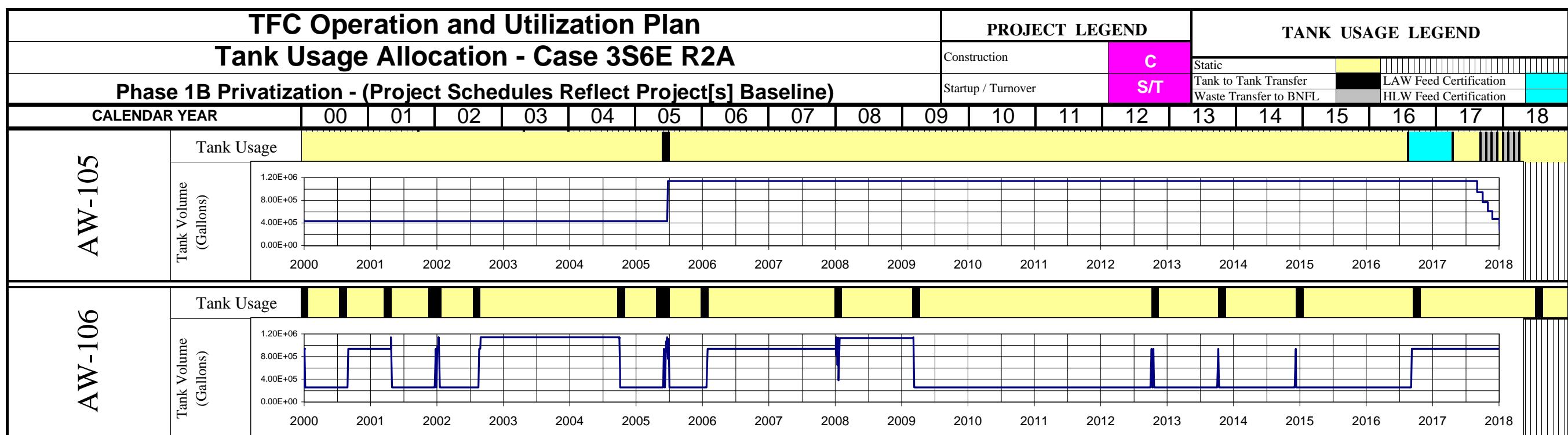
NOTES: 1) Time scales are approximate - do not use to determine schedule dates



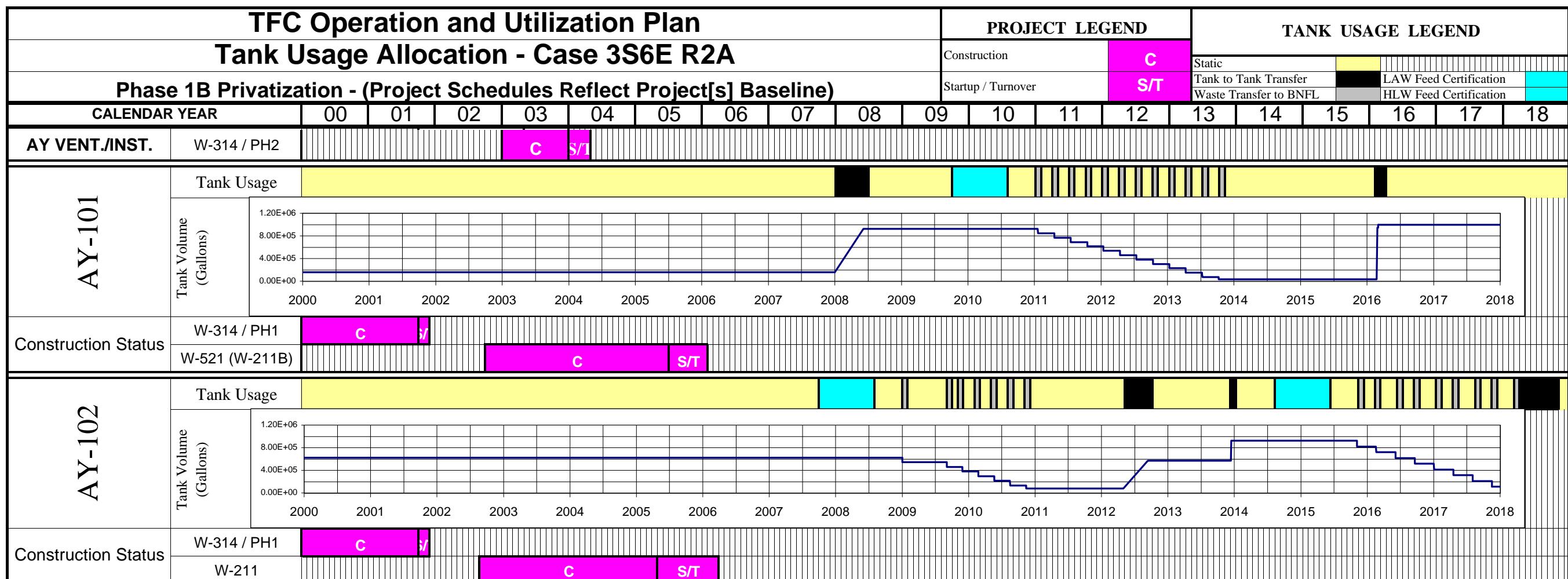
NOTES: 1) Time scales are approximate - do not use to determine schedule dates



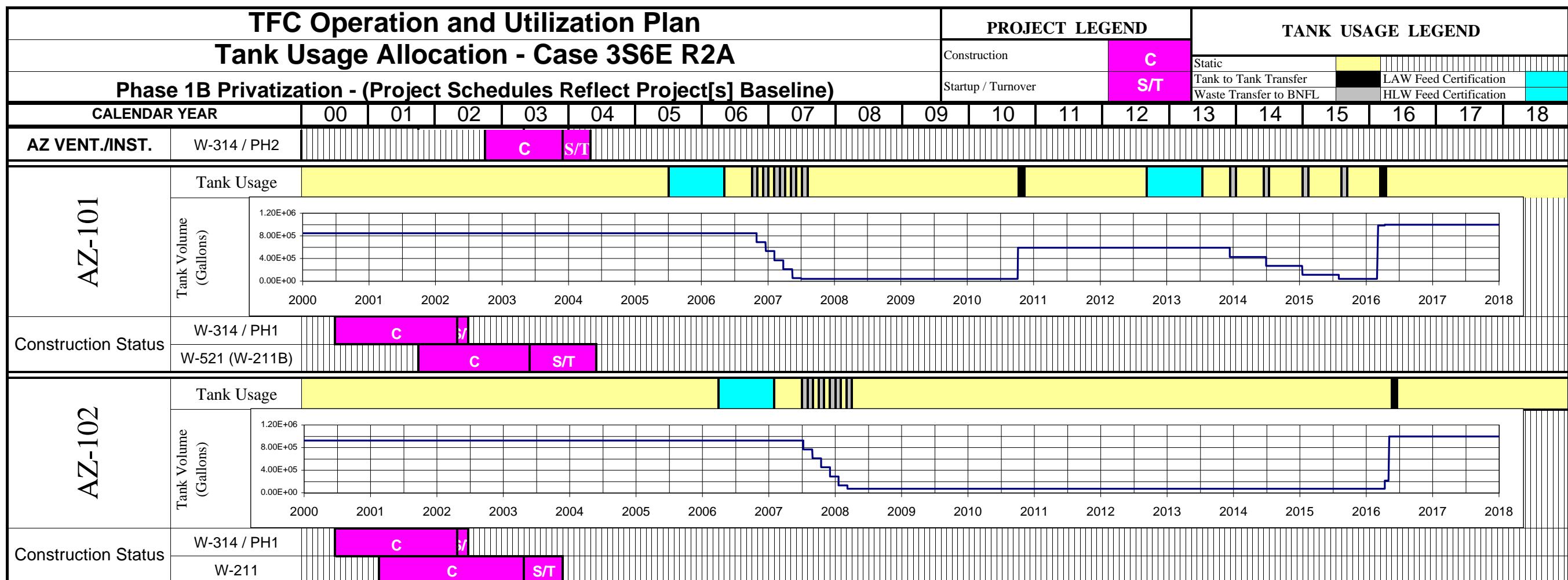
NOTES: 1) Time scales are approximate - do not use to determine schedule dates



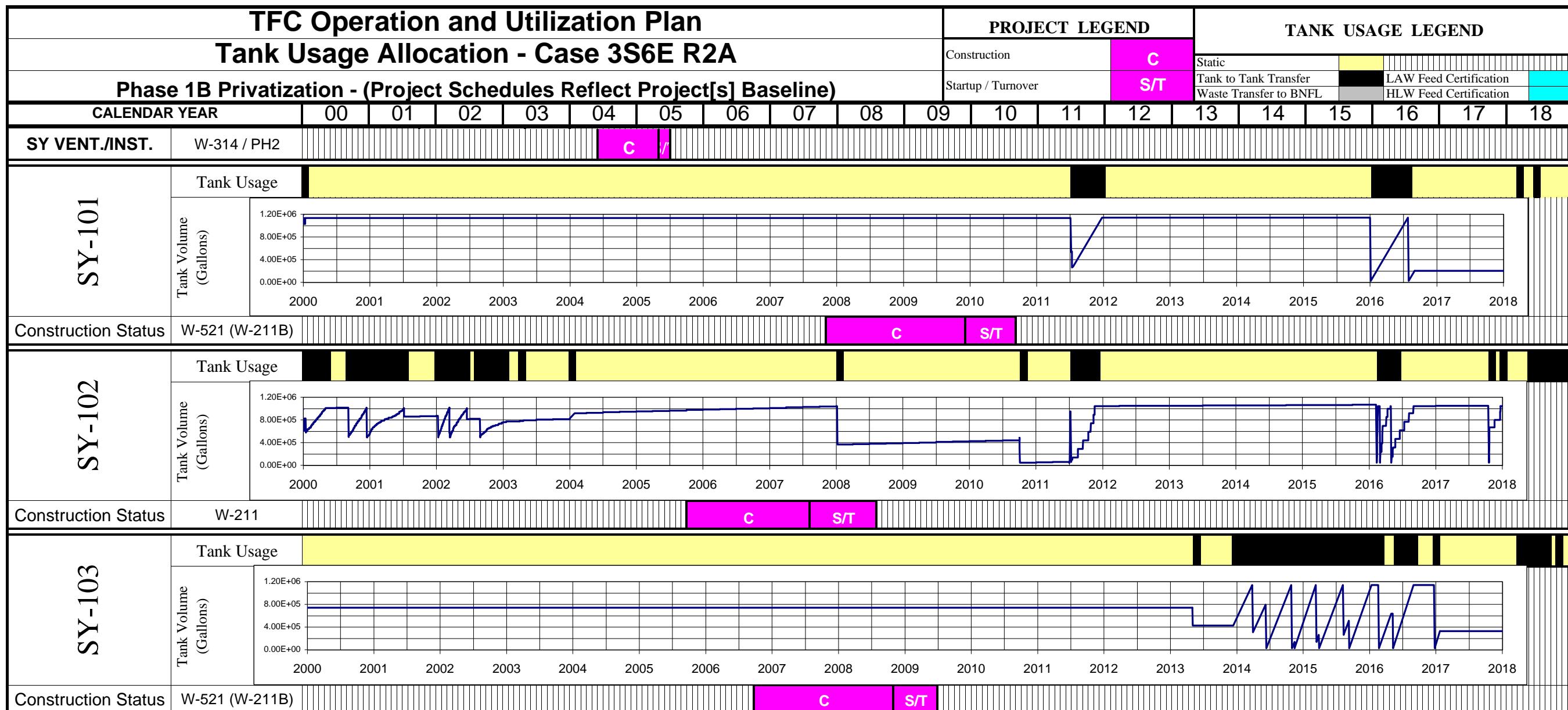
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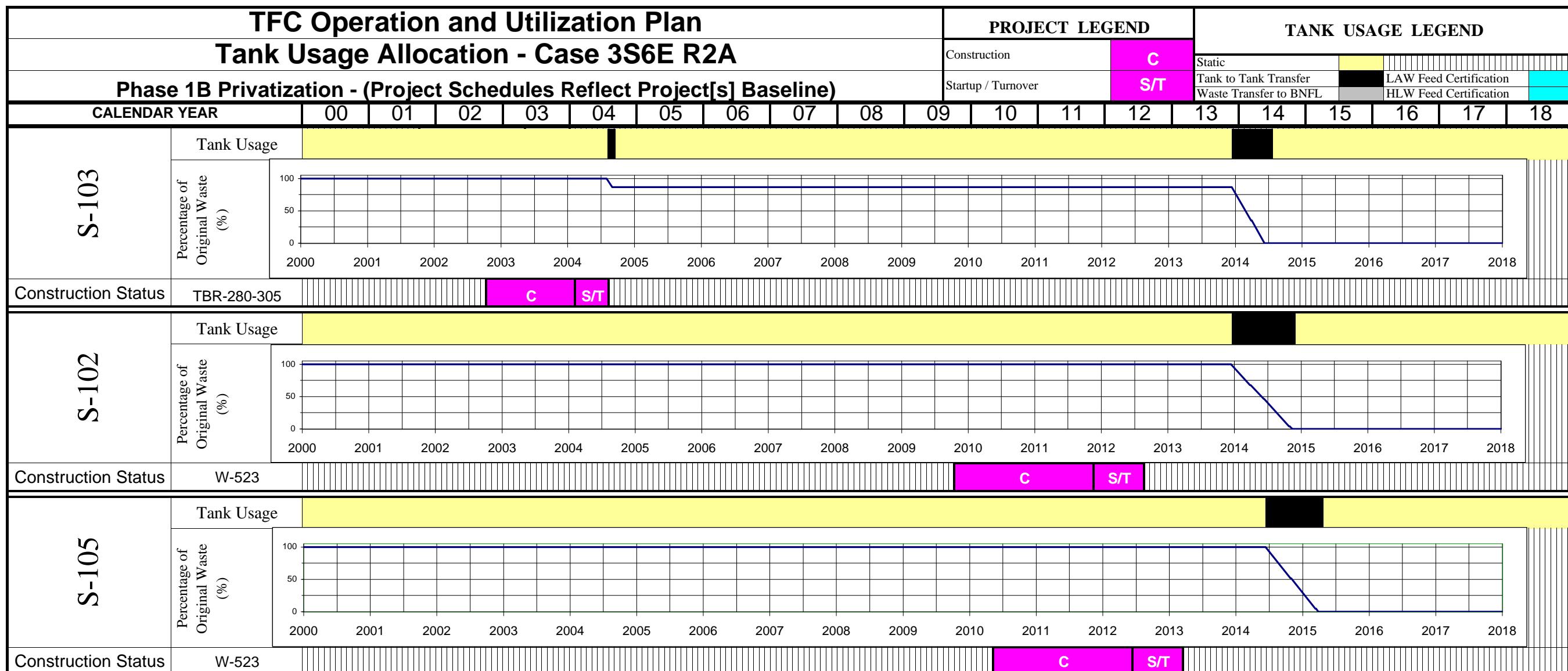
NOTES: 1) Time scales are approximate - do not use to determine schedule dates



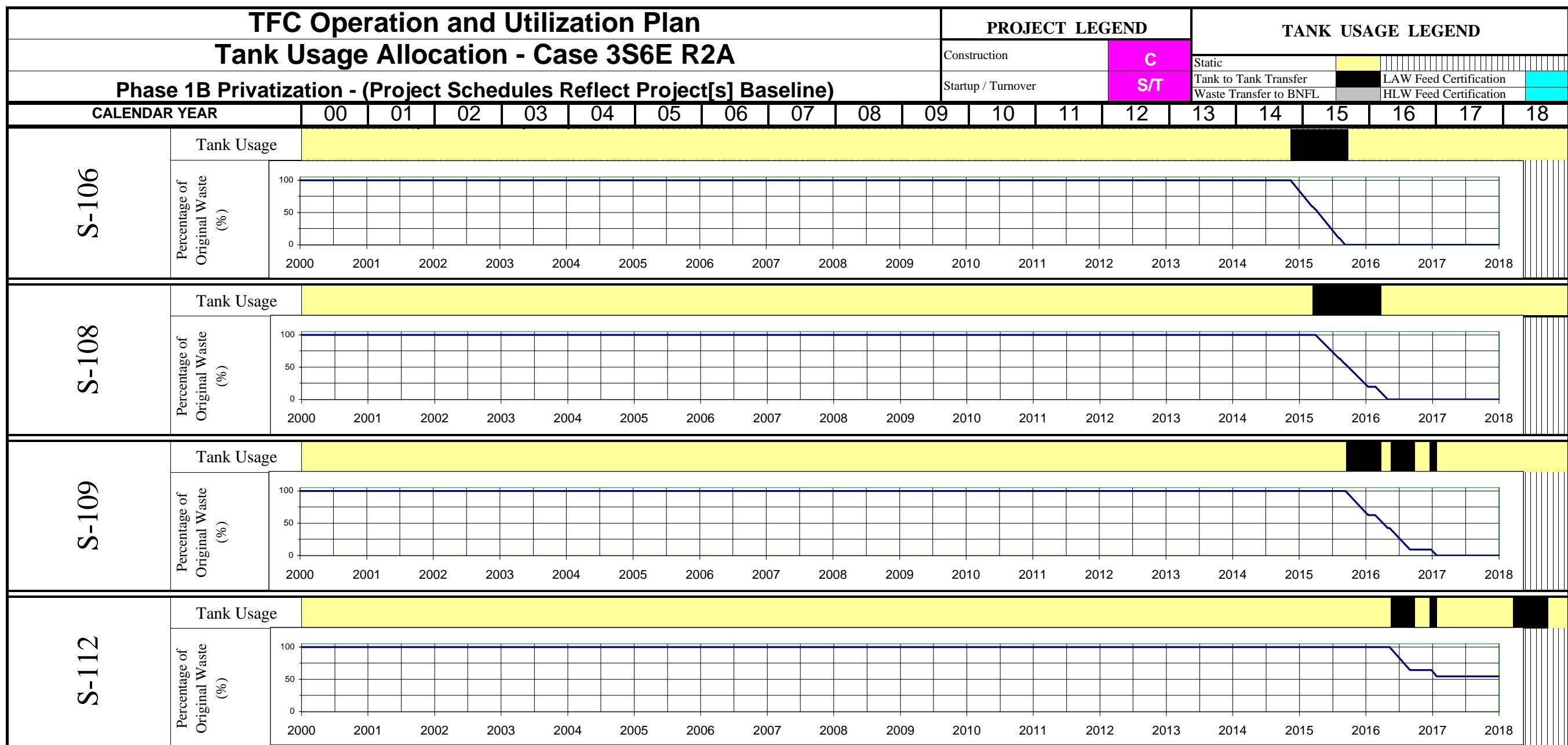
NOTES: 1) Time scales are approximate - do not use to determine schedule dates



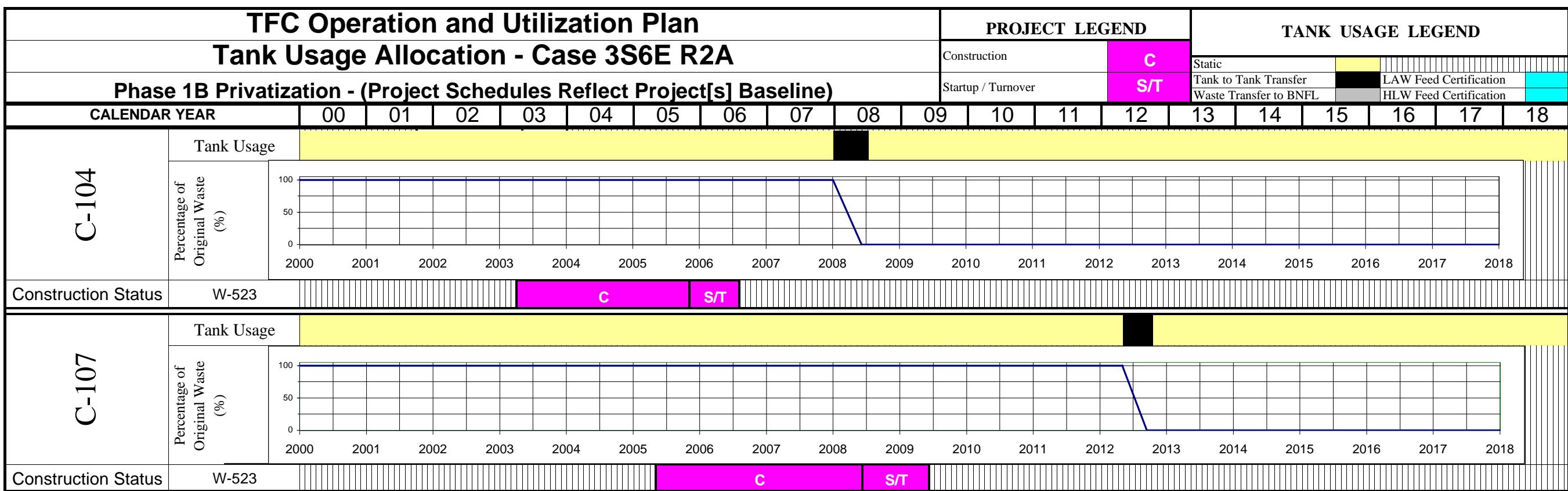
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## **H2.0 PROJECTED TRANSFERS DURING PHASE 1**

A spreadsheet summarizing the waste transfers within the tank farms and waste generators are shown in Table H2-1. The tank usage, evaporator, cross-site transfer, water addition, caustic addition, and transfer to BNFL are also presented in Table H2-1.

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
SPN87	SY-102	8/26/98	8/26/98	4000	0	0
TAL88	AP-107	10/1/98	10/1/98	16000	0	0.00E+00
WATER	AP-107	10/2/98	10/2/98	3520	0	0
ZNL87	SY-102	11/1/98	11/1/98	3245.61	0.077	0
AP-107	AW-102	1/1/99	1/3/99	5.61E+05	0	0
242-A	AW-106	1/3/99	1/9/99	8.13E+05	0	0
AW-106	AW-102	1/9/99	1/13/99	797900	0	0
WATER	SY-102	8/1/99	8/1/99	5000	0	0
C-106	AY-102	8/1/99	10/31/99	57864.339	8135.661	0
S-102	SY-102	8/2/99	8/2/99	2999.856	0.144	0
S-103	SY-102	8/2/99	8/2/99	2999.85	0.15	0
S-106	SY-102	8/2/99	8/2/99	5999.691	0.309	0
SX-106	SY-102	8/2/99	8/2/99	2.30E+04	1.136	0
WATER	AP-107	8/3/99	8/3/99	1.70E+04	0	0
SY-102	AP-107	8/26/99	8/27/99	266000	10.025	0
SY-102	AP-107	8/30/99	8/31/99	235000	8.86	1.732E-13
S-106	SY-102	9/3/99	9/3/99	4999.742	0.258	0
SX-106	SY-102	9/3/99	9/3/99	11999.407	0.593	0
WATER	AP-107	9/4/99	9/4/99	11000	0	0
U-103	SY-102	9/17/99	9/17/99	11999.598	0.402	2.598E-13
WATER	AP-107	9/18/99	9/18/99	10000	0	0
1FL96	AP-107	10/1/99	10/1/99	9999.844	0.156	0
34L87	AP-107	10/1/99	10/1/99	7.00E+03	0	0
34L87	AP-107	10/1/99	10/1/99	5000	0	0
PXTCO	AP-107	10/1/99	10/1/99	5000	0	0
SPN87	SY-102	10/1/99	10/1/99	6300	0	0
TAL88	AP-107	10/1/99	10/1/99	23000	0	0
WESF	AP-107	10/1/99	10/1/99	5000	0	0
S-102	244-S	10/1/99	10/4/99	2448.215	0.117	1224.166
SX-106	244-S	10/1/99	10/4/99	6205.354	0.306	2482.264
U-103	244-U	10/1/99	10/9/99	9374.686	0.314	5625
T-110	244-TX	10/1/99	3/19/00	7982	0	798.2
WATER	AP-107	10/2/99	10/2/99	5060	0	0
244-S	SY-102	10/4/99	10/4/99	14899.531	0.469	0
S-102	244-S	10/4/99	10/8/99	2407.768	0.115	1203.942
SX-106	244-S	10/4/99	10/8/99	6245.251	0.308	2498.224
244-S	SY-102	10/8/99	10/8/99	14899.529	0.471	0
S-102	244-S	10/8/99	10/11/99	2407.213	0.115	1203.664

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
SX-106	244-S	10/8/99	10/11/99	6250.352	0.309	2500.264
244-U	SY-102	10/9/99	10/9/99	14899.688	0.312	0.00E+00
U-103	244-U	10/9/99	10/18/99	9312.188	0.312	5587.5
244-S	SY-102	10/11/99	10/12/99	14899.529	0.471	0
S-102	244-S	10/12/99	10/15/99	2400.082	0.115	1200.098
SX-106	244-S	10/12/99	10/15/99	6227.383	0.308	2491.076
244-S	SY-102	10/15/99	10/15/99	14899.529	0.471	0
S-102	244-S	10/15/99	10/19/99	2402.756	0.115	1201.436
SX-106	244-S	10/15/99	10/19/99	6172.845	0.305	2.47E+03
244-U	SY-102	10/18/99	10/18/99	14899.688	0.312	0
U-103	244-U	10/18/99	10/29/99	9312.188	0.312	5587.5
244-S	SY-102	10/19/99	10/19/99	14899.53	0.47	0
S-102	244-S	10/19/99	10/23/99	2417.407	0.116	1208.761
SX-106	244-S	10/19/99	10/23/99	6109.114	0.302	2443.766
244-S	SY-102	10/23/99	10/24/99	14899.531	0.469	0
S-102	244-S	10/24/99	10/28/99	2465.379	0.118	1232.749
SX-106	244-S	10/24/99	10/28/99	6013.526	0.297	2405.529
244-S	SY-102	10/28/99	10/28/99	14899.532	0.468	0
S-102	244-S	10/28/99	11/1/99	2466.681	0.118	1233.399
SX-106	244-S	10/28/99	11/1/99	5899.089	0.291	2359.752
244-U	SY-102	10/29/99	10/29/99	14899.688	0.312	0
U-103	244-U	10/29/99	11/9/99	9312.188	0.312	5587.5
244-S	SY-102	11/1/99	11/1/99	14899.534	0.466	0
S-102	244-S	11/1/99	11/6/99	2497.849	0.12	1248.984
SX-106	244-S	11/1/99	11/6/99	5827.11	0.288	2330.959
244-S	SY-102	11/6/99	11/6/99	14899.535	0.465	0
S-102	244-S	11/6/99	11/11/99	2495.08	0.119	1247.6
SX-106	244-S	11/6/99	11/11/99	5799.922	0.286	2320.083
244-U	SY-102	11/9/99	11/9/99	14899.688	0.312	0
U-103	244-U	11/9/99	11/17/99	5827.864	0.195	3496.835
244-S	SY-102	11/11/99	11/11/99	14899.535	0.465	0
S-102	244-S	11/11/99	11/16/99	2524.378	0.121	1262.249
SX-106	244-S	11/11/99	11/16/99	5669.786	0.28	2268.026
SY-101	SY-102	11/15/99	11/15/99	89994.919	5.081	2.598E-13
U-105	244-U	11/15/99	11/17/99	3484.441	0	2090.665
244-S	SY-102	11/16/99	11/16/99	14899.537	0.463	0
S-102	244-S	11/16/99	11/22/99	2535.632	0.121	1267.877
SX-106	244-S	11/16/99	11/22/99	5567.909	0.275	2227.274
244-U	SY-102	11/17/99	11/17/99	14899.804	0.196	0
U-103	244-U	11/17/99	11/22/99	3294.163	0.11	1976.564

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
U-105	244-U	11/17/99	11/22/99	6018.227	0	3610.936
WATER	SY-102	11/18/99	11/18/99	90000	0	0
WATER	SY-101	11/20/99	11/20/99	40000	0	0
244-S	SY-102	11/22/99	11/22/99	14899.539	0.461	0
244-U	SY-102	11/22/99	11/22/99	14899.889	0.111	0
SY-102	AP-104	11/22/99	11/23/99	250000	10.012	6.93E-13
S-102	244-S	11/22/99	11/28/99	2537.103	0.121	1268.612
SX-106	244-S	11/22/99	11/28/99	5486.466	0.271	2194.695
U-103	244-U	11/22/99	11/28/99	3314.615	0.111	1988.836
U-105	244-U	11/22/99	11/28/99	5997.774	0	3598.664
SY-102	AP-107	11/24/99	11/25/99	282900	11.327	1.735E-13
244-S	SY-102	11/28/99	11/28/99	14899.54	0.46	0
244-U	SY-102	11/28/99	11/28/99	14899.889	0.111	0
U-103	244-U	11/28/99	12/3/99	3324.702	0.111	1994.888
U-105	244-U	11/28/99	12/3/99	5987.687	0	3592.612
S-102	244-S	11/28/99	12/4/99	2.57E+03	0.123	1286.804
SX-106	244-S	11/28/99	12/4/99	5.37E+03	0.265	2149.718
SY-101	SY-102	12/1/99	12/1/99	105000	5.816	0
244-U	SY-102	12/3/99	12/3/99	14899.889	0.111	0
U-103	244-U	12/3/99	12/9/99	3311.906	0.111	1987.21
U-105	244-U	12/3/99	12/9/99	6000.483	0	3600.29
244-S	SY-102	12/4/99	12/4/99	1.49E+04	0.459	0
WATER	SY-102	12/4/99	12/4/99	105000	0	0
S-102	244-S	12/4/99	12/11/99	2557.266	0.122	1278.694
SX-106	244-S	12/4/99	12/11/99	5328.145	0.263	2131.363
WATER	SY-101	12/7/99	12/7/99	105000	0	0
244-U	SY-102	12/9/99	12/9/99	14899.889	0.111	0
U-103	244-U	12/9/99	12/15/99	3275.665	0.11	1965.465
U-105	244-U	12/9/99	12/15/99	6.04E+03	0	3622.035
SY-102	AP-104	12/10/99	12/11/99	250000	10.29	8.66E-14
244-S	SY-102	12/11/99	12/11/99	1.49E+04	0.458	0
S-102	244-S	12/11/99	12/18/99	2585.354	0.124	1292.739
SX-106	244-S	12/11/99	12/18/99	5180.931	0.256	2072.475
244-U	SY-102	12/15/99	12/15/99	1.49E+04	0.11	0
U-103	244-U	12/15/99	12/22/99	3297.602	0.11	1978.627
U-105	244-U	12/15/99	12/22/99	6.01E+03	0	3608.873
244-S	SY-102	12/18/99	12/18/99	14899.544	0.456	0
S-102	244-S	12/18/99	12/26/99	2589.255	0.124	1294.69
SX-106	244-S	12/18/99	12/26/99	5.07E+03	0.251	2029.695
244-U	SY-102	12/22/99	12/22/99	14899.89	0.11	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
U-103	244-U	12/22/99	12/29/99	3.28E+03	0.11	1970.137
U-105	244-U	12/22/99	12/29/99	6028.939	0	3617.363
244-S	SY-102	12/26/99	12/26/99	14899.546	0.454	0
S-102	244-S	12/26/99	1/3/00	2619.939	0.125	1310.032
SX-106	244-S	12/26/99	1/3/00	4894.882	0.242	1958.049
AP-107	AW-102	12/29/99	12/30/99	262600	0	0
242-A	AW-106	12/30/99	1/4/00	520100	0	0
1FL96	AP-107	1/1/00	1/1/00	9999.844	0.156	0
SPN87	SY-102	1/1/00	1/1/00	6300	0	0
AW-106	AW-102	1/4/00	1/8/00	682000	0	0
SY-101	SY-102	1/5/00	1/5/00	105000	5.546	0
WATER	SY-102	1/8/00	1/8/00	1.05E+05	0	0
WATER	SY-101	1/11/00	1/11/00	105000	0	0
SY-102	AP-104	1/14/00	1/15/00	2.50E+05	10.388	0
244-S	SY-102	1/15/00	1/15/00	14899.548	0.452	0
244-U	SY-102	1/15/00	1/15/00	14899.89	0.11	0
U-103	244-U	1/15/00	1/23/00	3244.125	0.109	1946.54
U-105	244-U	1/15/00	1/23/00	6.07E+03	0	3640.96
S-102	244-S	1/15/00	1/24/00	2618.02	0.125	1309.073
SX-106	244-S	1/15/00	1/24/00	4771.538	0.236	1908.709
244-U	SY-102	1/23/00	1/23/00	14899.891	0.109	0
U-103	244-U	1/23/00	1/31/00	3256.104	0.109	1953.728
U-105	244-U	1/23/00	1/31/00	6.06E+03	0	3633.772
244-S	SY-102	1/24/00	1/24/00	14899.55	0.45	0
S-102	244-S	1/24/00	2/3/00	2628.004	0.126	1314.065
SX-106	244-S	1/24/00	2/3/00	4602.654	0.227	1841.152
244-U	SY-102	1/31/00	1/31/00	1.49E+04	0.109	0
U-103	244-U	1/31/00	2/10/00	3234.861	0.108	1940.982
U-105	244-U	1/31/00	2/10/00	6068.087	0	3640.852
244-S	SY-102	2/3/00	2/3/00	14899.552	0.448	0
S-102	244-S	2/3/00	2/13/00	2630.998	0.126	1315.562
S-106	244-S	2/3/00	2/13/00	1035.21	0.053	414.105
SX-106	244-S	2/3/00	2/13/00	4417.485	0.218	1767.081
AP-107	AW-102	2/5/00	2/6/00	378500	0	0
242-A	AW-106	2/6/00	2/12/00	409300	0	0
244-U	SY-102	2/10/00	2/10/00	14899.892	0.108	0
U-102	244-U	2/10/00	2/14/00	5753.747	0	2497.478
U-103	244-U	2/10/00	2/14/00	1457.472	0.049	874.512
U-105	244-U	2/10/00	2/14/00	2697.964	0	1618.778
244-S	SY-102	2/13/00	2/13/00	14899.554	0.446	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
S-102	244-S	2/13/00	2/25/00	2627.449	0.126	1313.787
S-103	244-S	2/13/00	2/25/00	1040.191	0.052	416.097
S-106	244-S	2/13/00	2/25/00	1102.304	0.057	440.944
SX-104	244-S	2/13/00	2/25/00	1021.413	0	1021.413
SX-106	244-S	2/13/00	2/25/00	4225.625	0.209	1690.333
244-U	SY-102	2/14/00	2/14/00	14899.951	0.049	0
U-102	244-U	2/14/00	2/19/00	5158.598	0	3095.159
U-103	244-U	2/14/00	2/19/00	1436.845	0.048	862.136
U-105	244-U	2/14/00	2/19/00	2717.009	0	1630.205
AP-107	AW-102	2/15/00	2/17/00	510400	0	0
244-U	SY-102	2/19/00	2/19/00	14899.952	0.048	0
U-102	244-U	2/19/00	2/24/00	5108.942	0	3065.365
U-103	244-U	2/19/00	2/24/00	1458.552	0.049	875.16
U-105	244-U	2/19/00	2/24/00	2744.958	0	1646.975
244-U	SY-102	2/24/00	2/24/00	14899.951	0.049	0
U-102	244-U	2/24/00	2/29/00	5120.02	0	3072.012
U-103	244-U	2/24/00	2/29/00	1437.583	0.048	862.579
U-105	244-U	2/24/00	2/29/00	2754.849	0	1652.91
244-S	SY-102	2/25/00	2/25/00	14899.557	0.443	0
S-102	244-S	2/25/00	3/10/00	2621.153	0.125	1310.639
S-103	244-S	2/25/00	3/10/00	1121.773	0.056	448.732
S-106	244-S	2/25/00	3/10/00	1171.871	0.06	468.773
SX-104	244-S	2/25/00	3/10/00	1054.988	0	1054.988
SX-106	244-S	2/25/00	3/10/00	4033.258	0.199	1613.383
244-U	SY-102	2/29/00	3/1/00	14899.952	0.048	0
U-102	244-U	3/1/00	3/6/00	5086.465	0	3051.879
U-103	244-U	3/1/00	3/6/00	1457.233	0.049	874.369
U-105	244-U	3/1/00	3/6/00	2768.753	0	1661.252
244-U	SY-102	3/6/00	3/6/00	14899.951	0.049	0
U-102	244-U	3/6/00	3/12/00	5052.092	0	3031.255
U-103	244-U	3/6/00	3/12/00	1.46E+03	0.049	876.263
U-105	244-U	3/6/00	3/12/00	2799.969	0	1679.982
244-S	SY-102	3/10/00	3/10/00	14899.559	0.441	0
S-102	244-S	3/10/00	3/25/00	2606.167	0.125	1303.146
S-103	244-S	3/10/00	3/25/00	1233.761	0.062	493.529
S-106	244-S	3/10/00	3/25/00	1268.267	0.065	507.333
SX-104	244-S	3/10/00	3/25/00	1105.273	0	1105.273
SX-106	244-S	3/10/00	3/25/00	3769.097	0.186	1507.713
244-U	SY-102	3/12/00	3/12/00	14899.951	0.049	0
U-102	244-U	3/12/00	3/19/00	5033.677	0	3020.206

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
U-103	244-U	3/12/00	3/19/00	1472.055	0.049	883.263
U-105	244-U	3/12/00	3/19/00	2806.718	0	1684.031
244-TX	SY-102	3/19/00	3/19/00	8680.2	0	0
244-U	SY-102	3/19/00	3/19/00	14899.951	0.049	0
U-102	244-U	3/19/00	3/26/00	4991.119	0	2994.671
U-103	244-U	3/19/00	3/26/00	1475.448	0.049	885.299
U-105	244-U	3/19/00	3/26/00	2845.883	0	1707.53
244-S	SY-102	3/25/00	3/25/00	14899.562	0.438	0
S-102	244-S	3/25/00	4/11/00	2578.652	0.123	1289.388
S-103	244-S	3/25/00	4/11/00	1356.347	0.068	542.566
S-106	244-S	3/25/00	4/11/00	1368.878	0.071	547.58
SX-104	244-S	3/25/00	4/11/00	1149.526	0	1149.526
SX-106	244-S	3/25/00	4/11/00	3512.166	0.173	1404.936
244-U	SY-102	3/26/00	3/26/00	14899.951	0.049	0
U-102	244-U	3/26/00	4/2/00	4313.293	0	2587.976
U-103	244-U	3/26/00	4/2/00	1270.835	0.043	762.526
U-105	244-U	3/26/00	4/2/00	2469.369	0	1481.621
1FL96	AP-107	4/1/00	4/1/00	9999.844	0.156	0
SPN87	SY-102	4/1/00	4/1/00	6300	0	0
U-109	244-U	4/1/00	4/2/00	1258.961	0	755.377
244-U	SY-102	4/2/00	4/2/00	14899.957	0.043	0
U-102	244-U	4/2/00	4/6/00	2433.014	0	1459.808
U-105	244-U	4/2/00	4/6/00	1434.042	0	860.425
U-109	244-U	4/2/00	4/6/00	4707.709	0	2824.625
244-U	SY-102	4/6/00	4/6/00	14899.975	0.025	0
U-102	244-U	4/6/00	4/10/00	2429.454	0	1457.673
U-105	244-U	4/6/00	4/10/00	1436.075	0	861.645
U-109	244-U	4/6/00	4/10/00	4712.314	0	2827.388
244-U	SY-102	4/10/00	4/10/00	14899.975	0.025	0
U-102	244-U	4/10/00	4/14/00	2429.528	0	1457.717
U-105	244-U	4/10/00	4/14/00	1427.955	0	856.773
U-109	244-U	4/10/00	4/14/00	4726.496	0	2835.897
244-S	SY-102	4/11/00	4/11/00	14899.565	0.435	0
S-102	244-S	4/11/00	5/1/00	2523.701	0.121	1261.911
S-103	244-S	4/11/00	5/1/00	1520.724	0.076	608.32
S-106	244-S	4/11/00	5/1/00	1502.361	0.077	600.975
SX-104	244-S	4/11/00	5/1/00	1208.474	0	1208.474
SX-106	244-S	4/11/00	5/1/00	3188.975	0.158	1275.653
244-U	SY-102	4/14/00	4/15/00	14899.976	0.024	0
U-102	244-U	4/15/00	4/19/00	2386.214	0	1431.729

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
U-105	244-U	4/15/00	4/19/00	1416.374	0	849.824
U-109	244-U	4/15/00	4/19/00	4789.297	0	2873.578
244-U	SY-102	4/19/00	4/19/00	14899.976	0.024	0
U-102	244-U	4/19/00	4/24/00	2377.489	0	1426.493
U-105	244-U	4/19/00	4/24/00	1424	0	854.4
U-109	244-U	4/19/00	4/24/00	4791.442	0	2874.865
244-U	SY-102	4/24/00	4/24/00	14899.976	0.024	0
U-102	244-U	4/24/00	4/29/00	2354.588	0	1412.753
U-105	244-U	4/24/00	4/29/00	1424.636	0	854.781
U-109	244-U	4/24/00	4/29/00	4812.653	0	2887.592
244-U	SY-102	4/29/00	4/29/00	14899.976	0.024	0
U-102	244-U	4/29/00	5/5/00	2354.766	0	1412.859
U-105	244-U	4/29/00	5/5/00	1439.352	0	863.611
U-109	244-U	4/29/00	5/5/00	4792.689	0	2875.614
244-S	SY-102	5/1/00	5/1/00	14899.568	0.432	0
SY-102	AP-107	5/1/00	5/3/00	509700	0	0
S-102	244-S	5/1/00	5/25/00	2455.365	0.118	1227.741
S-103	244-S	5/1/00	5/25/00	1.71E+03	0.086	685.083
S-106	244-S	5/1/00	5/25/00	1649.782	0.085	659.947
SX-104	244-S	5/1/00	5/25/00	1261.246	0	1261.246
SX-106	244-S	5/1/00	5/25/00	2847.487	0.141	1139.051
244-U	SY-102	5/5/00	5/5/00	14899.976	0.024	0
U-102	244-U	5/5/00	5/10/00	2331.605	0	1398.963
U-105	244-U	5/5/00	5/10/00	1444.17	0	866.502
U-109	244-U	5/5/00	5/10/00	4811.114	0	2886.669
244-U	SY-102	5/10/00	5/10/00	14899.976	0.024	0
U-102	244-U	5/10/00	5/16/00	2298.457	0	1379.074
U-105	244-U	5/10/00	5/16/00	1438.286	0	862.972
U-109	244-U	5/10/00	5/16/00	4855.769	0	2913.461
A-101	AN-101	5/13/00	12/5/00	386500	0	231900
244-U	SY-102	5/16/00	5/16/00	14899.976	0.024	0
U-102	244-U	5/16/00	5/23/00	2274.185	0	1364.511
U-105	244-U	5/16/00	5/23/00	1434.116	0	860.47
U-109	244-U	5/16/00	5/23/00	4894.501	0	2936.701
244-U	SY-102	5/23/00	5/23/00	14899.976	0.024	0
U-102	244-U	5/23/00	5/30/00	2238.624	0	1343.175
U-105	244-U	5/23/00	5/30/00	1432.74	0	859.644
U-109	244-U	5/23/00	5/30/00	4929.315	0	2957.589
244-S	SY-102	5/25/00	5/25/00	14899.571	0.429	0
S-102	244-S	5/25/00	6/24/00	2347.66	0.112	1173.886

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
S-103	244-S	5/25/00	6/24/00	1963.668	0.098	785.507
S-106	244-S	5/25/00	6/24/00	1.84E+03	0.095	734.594
SX-104	244-S	5/25/00	6/24/00	1319.11	0	1.32E+03
SX-106	244-S	5/25/00	6/24/00	2442.571	0.121	977.077
244-U	SY-102	5/30/00	5/30/00	14899.976	0.024	0
U-102	244-U	5/30/00	6/6/00	2218.659	0	1331.196
U-105	244-U	5/30/00	6/6/00	1458.957	0	875.374
U-109	244-U	5/30/00	6/6/00	4913.293	0	2947.976
244-U	SY-102	6/6/00	6/7/00	1.49E+04	0.024	0
U-102	244-U	6/7/00	6/15/00	2187.644	0	1312.587
U-105	244-U	6/7/00	6/15/00	1455.928	0	873.557
U-109	244-U	6/7/00	6/15/00	4948.622	0	2969.173
244-U	SY-102	6/15/00	6/15/00	14899.976	0.024	0
U-102	244-U	6/15/00	6/24/00	2150.172	0	1290.103
U-105	244-U	6/15/00	6/24/00	1449.058	0	869.435
U-109	244-U	6/15/00	6/24/00	5004.241	0	3002.545
244-S	SY-102	6/24/00	6/24/00	14899.574	0.426	0
244-U	SY-102	6/24/00	6/24/00	14899.976	0.024	0
U-102	244-U	6/24/00	7/4/00	2129.79	0	1277.874
U-105	244-U	6/24/00	7/4/00	1463.045	0	877.827
U-109	244-U	6/24/00	7/4/00	5008.013	0	3004.808
SX-105	244-S	6/27/00	7/4/00	7665.819	0	3066.327
1FL96	AP-107	7/1/00	7/1/00	9999.844	0.156	0
SPN87	SY-102	7/1/00	7/1/00	6300	0	0
244-S	SY-102	7/4/00	7/4/00	14899.879	0.121	0
244-U	SY-102	7/4/00	7/4/00	14899.976	0.024	0
SX-105	244-S	7/4/00	7/12/00	8285.433	0	3314.173
U-102	244-U	7/4/00	7/15/00	2091.562	0	1254.937
U-105	244-U	7/4/00	7/15/00	1467.742	0	880.645
U-109	244-U	7/4/00	7/15/00	5043.934	0	3026.36
244-S	SY-102	7/12/00	7/12/00	14899.906	0.094	0
SX-105	244-S	7/12/00	7/20/00	8445.551	0	3378.22
244-U	SY-102	7/15/00	7/15/00	14899.976	0.024	0
U-102	244-U	7/15/00	7/27/00	2051.711	0	1231.027
U-105	244-U	7/15/00	7/27/00	1475.174	0	885.105
U-109	244-U	7/15/00	7/27/00	5078.017	0	3046.81
244-S	SY-102	7/20/00	7/20/00	14899.904	0.096	0
SX-105	244-S	7/20/00	7/30/00	8620.153	0	3448.061
244-U	SY-102	7/27/00	7/27/00	14899.976	0.024	0
U-102	244-U	7/27/00	8/11/00	2000.28	0	1200.168

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
U-105	244-U	7/27/00	8/11/00	1484.482	0	890.689
U-109	244-U	7/27/00	8/11/00	5121.064	0	3072.638
244-S	SY-102	7/30/00	7/30/00	14899.901	0.099	0
SX-105	244-S	7/30/00	8/9/00	8617.741	0	3447.096
244-S	SY-102	8/9/00	8/9/00	14899.901	0.099	0
SX-105	244-S	8/9/00	8/21/00	8869.577	0	3547.831
AX-101	AN-101	8/10/00	12/5/00	249200	0	149500
244-U	SY-102	8/11/00	8/11/00	14899.976	0.024	0
U-102	244-U	8/11/00	8/28/00	1950.066	0	1170.04
U-105	244-U	8/11/00	8/28/00	1491.321	0	894.792
U-109	244-U	8/11/00	8/28/00	5168.959	0	3101.375
244-S	SY-102	8/21/00	8/21/00	14899.913	0.087	0
SX-105	244-S	8/21/00	9/2/00	8856.538	0	3542.615
244-U	SY-102	8/28/00	8/28/00	14899.976	0.024	0
U-102	244-U	8/28/00	9/20/00	2015.894	0	1209.537
U-105	244-U	8/28/00	9/20/00	1599.982	0	959.989
U-109	244-U	8/28/00	9/20/00	5595.118	0	3357.071
244-S	SY-102	9/2/00	9/3/00	14899.912	0.088	0
SX-105	244-S	9/3/00	9/17/00	9205.28	0	3682.112
244-S	SY-102	9/17/00	9/17/00	14899.927	0.073	0
SX-105	244-S	9/17/00	10/2/00	8206.349	0	3282.539
244-U	SY-102	9/20/00	9/20/00	14899.996	0.004	0
U-102	244-U	9/20/00	10/20/00	1940.744	0	1164.446
U-105	244-U	9/20/00	10/20/00	1625.489	0	975.293
U-109	244-U	9/20/00	10/20/00	5746.268	0	3447.761
34L87	AP-107	10/1/00	10/1/00	5000	0	0
PXTCO	AP-107	10/1/00	10/1/00	5000	0	0
SPN87	SY-102	10/1/00	10/1/00	6300	0	0
TAL88	AP-107	10/1/00	10/1/00	23000	0	0
WESF	AP-107	10/1/00	10/1/00	5000	0	0
SX-103	244-S	10/1/00	10/2/00	1145.251	0	377.933
244-S	SY-102	10/2/00	10/2/00	14899.932	0.068	0
WATER	AP-107	10/2/00	10/2/00	5060	0	0
SX-103	244-S	10/2/00	10/8/00	7100.967	0	2343.319
SX-105	244-S	10/2/00	10/8/00	3322.804	0	1329.122
244-S	SY-102	10/8/00	10/8/00	14899.971	0.029	0
SX-103	244-S	10/8/00	10/15/00	7079.49	0	2336.232
SX-105	244-S	10/8/00	10/15/00	3324.75	0	1329.9
244-S	SY-102	10/15/00	10/15/00	14899.97	0.03	0
SX-103	244-S	10/15/00	10/22/00	7027.356	0	2319.027

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
SX-105	244-S	10/15/00	10/22/00	3347.409	0	1338.964
244-U	SY-102	10/20/00	10/20/00	14900	0.00002356	0
U-102	244-U	10/20/00	11/20/00	1324.887	0	794.932
U-109	244-U	10/20/00	12/18/00	7077.712	0	4246.627
244-S	SY-102	10/22/00	10/22/00	14899.969	0.031	0
SX-103	244-S	10/22/00	10/30/00	7005.601	0	2311.848
SX-105	244-S	10/22/00	10/30/00	3348.785	0	1339.514
244-S	SY-102	10/30/00	10/30/00	14899.968	0.032	0
SX-103	244-S	10/30/00	11/7/00	6963.734	0	2298.032
SX-105	244-S	10/30/00	11/7/00	3361.653	0	1344.661
244-S	SY-102	11/7/00	11/7/00	14899.966	0.034	0
SX-103	244-S	11/7/00	11/13/00	5141.842	0	1696.808
SX-105	244-S	11/7/00	11/13/00	2466.786	0	986.714
SX-101	244-S	11/11/00	11/13/00	2949.909	0	1179.963
244-S	SY-102	11/13/00	11/13/00	14899.983	0.017	0
SX-101	244-S	11/13/00	11/18/00	5171.881	0	2068.753
SX-103	244-S	11/13/00	11/18/00	3666.206	0	1209.848
SX-105	244-S	11/13/00	11/18/00	1777.969	0	711.188
244-S	SY-102	11/18/00	11/18/00	14899.989	0.011	0
SY-102	AP-107	11/18/00	11/20/00	440600	0	0
SX-101	244-S	11/18/00	11/23/00	5102.666	0	2041.067
SX-103	244-S	11/18/00	11/23/00	3709.011	0	1223.974
SX-105	244-S	11/18/00	11/23/00	1801.58	0	720.632
AP-107	AW-102	11/20/00	11/22/00	550100	0	0
SY-102	AP-107	11/22/00	11/23/00	71988.728	0	0
242-A	AW-106	11/22/00	11/24/00	184500	0	0
244-S	SY-102	11/23/00	11/23/00	14899.989	0.011	0
SX-101	244-S	11/23/00	11/28/00	5044.227	0	2017.691
SX-103	244-S	11/23/00	11/28/00	3735.384	0	1232.677
SX-105	244-S	11/23/00	11/28/00	1822.977	0	729.191
AW-106	AP-106	11/24/00	11/28/00	887400	0	0
244-S	SY-102	11/28/00	11/28/00	14899.989	0.011	0
SX-101	244-S	11/28/00	12/4/00	5001.173	0	2000.469
SX-103	244-S	11/28/00	12/4/00	3745.055	0	1235.868
SX-105	244-S	11/28/00	12/4/00	1845.417	0	738.167
244-S	SY-102	12/4/00	12/4/00	14899.988	0.012	0
SX-101	244-S	12/4/00	12/10/00	4983.15	0	1993.26
SX-103	244-S	12/4/00	12/10/00	3769.16	0	1243.823
SX-105	244-S	12/4/00	12/10/00	1836.708	0	734.683
AN-101	AN-106	12/5/00	12/11/00	1105000	0	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
244-S	SY-102	12/10/00	12/10/00	14899.988	0.012	0
SX-101	244-S	12/10/00	12/16/00	4929.559	0	1971.824
SX-103	244-S	12/10/00	12/16/00	3791.819	0	1251.3
SX-105	244-S	12/10/00	12/16/00	1858.244	0	743.297
AX-101	AN-101	12/11/00	5/25/02	194800	0	116900
A-101	AN-101	12/11/00	10/6/02	200500	0	120300
244-S	SY-102	12/16/00	12/16/00	14899.987	0.013	0
SX-101	244-S	12/16/00	12/22/00	4844.579	0	1937.832
SX-103	244-S	12/16/00	12/22/00	3820.678	0	1260.824
SX-105	244-S	12/16/00	12/22/00	1898.975	0	759.59
244-U	SY-102	12/18/00	12/18/00	14900	1.57E-07	0
U-109	244-U	12/18/00	1/3/01	1366.507	0	819.904
244-S	SY-102	12/22/00	12/23/00	14899.986	0.014	0
SX-101	244-S	12/23/00	12/29/00	4795.088	0	1918.035
SX-103	244-S	12/23/00	12/29/00	3847.279	0	1269.602
SX-105	244-S	12/23/00	12/29/00	1914.054	0	765.622
244-S	SY-102	12/29/00	12/30/00	14899.986	0.014	0
U-106	244-U	12/29/00	1/3/01	7945.993	0	4767.596
SX-101	244-S	12/30/00	1/6/01	4710.676	0	1884.271
SX-103	244-S	12/30/00	1/6/01	3888.97	0	1283.36
SX-105	244-S	12/30/00	1/6/01	1943.733	0	777.493
SPN87	SY-102	1/1/01	1/1/01	6300	0	0
244-U	SY-102	1/3/01	1/3/01	14900	1.046E-09	0
U-106	244-U	1/3/01	1/11/01	8769.347	0	5261.608
244-S	SY-102	1/6/01	1/6/01	14899.985	0.015	0
SX-101	244-S	1/6/01	1/14/01	4.68E+03	0	1870.482
SX-103	244-S	1/6/01	1/14/01	3896.563	0	1285.866
SX-105	244-S	1/6/01	1/14/01	1956.832	0	782.733
244-U	SY-102	1/11/01	1/11/01	14900	7.276E-12	0
U-106	244-U	1/11/01	1/20/01	8692.177	0	5215.306
244-S	SY-102	1/14/01	1/14/01	1.49E+04	0.015	0.00E+00
SX-101	244-S	1/14/01	1/22/01	4574.656	0	1829.862
SX-103	244-S	1/14/01	1/22/01	3946.091	0	1302.21
SX-105	244-S	1/14/01	1/22/01	1991.862	0	796.745
244-U	SY-102	1/20/01	1/21/01	14900	0	0
U-106	244-U	1/21/01	2/2/01	8587.529	0	5152.517
244-S	SY-102	1/22/01	1/23/01	14899.984	0.016	0
SX-101	244-S	1/23/01	2/1/01	4521.934	0	1808.774
SX-103	244-S	1/23/01	2/1/01	3968.528	0	1309.614
SX-105	244-S	1/23/01	2/1/01	2005.306	0	802.122

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
244-S	SY-102	2/1/01	2/1/01	14899.983	0.017	0
SX-101	244-S	2/1/01	2/11/01	4417.845	0	1767.138
SX-103	244-S	2/1/01	2/11/01	4003.688	0	1321.217
SX-105	244-S	2/1/01	2/11/01	2047.448	0	818.979
244-U	SY-102	2/2/01	2/2/01	1.49E+04	0	0
U-106	244-U	2/2/01	2/19/01	8423.405	0	5054.043
BY-106	244-BX	2/10/01	2/19/01	9375	0	5625
244-S	SY-102	2/11/01	2/11/01	1.49E+04	0.019	0
SX-101	244-S	2/11/01	2/23/01	4428.876	0	1771.55
SX-103	244-S	2/11/01	2/23/01	4145.472	0	1368.006
SX-105	244-S	2/11/01	2/23/01	2144.751	0	857.9
244-BX	AP-107	2/19/01	2/19/01	14900	0	0
244-U	SY-102	2/19/01	2/19/01	14900	0.00E+00	0
BY-106	244-BX	2/19/01	3/2/01	9312.5	0	5587.5
U-109	244-U	2/19/01	3/17/01	1068.451	0	641.071
U-106	244-U	2/19/01	3/22/01	8244.049	0	4946.429
244-S	SY-102	2/23/01	2/23/01	14899.993	0.007	0
SX-101	244-S	2/23/01	3/8/01	4399.851	0	1759.94
SX-103	244-S	2/23/01	3/8/01	4252.005	0	1403.162
SX-105	244-S	2/23/01	3/8/01	2203.601	0	881.44
244-BX	AP-107	3/2/01	3/2/01	14900	0	0
BY-106	244-BX	3/2/01	3/13/01	9312.5	0	5587.5
244-S	SY-102	3/8/01	3/8/01	14900	0.0000443	0
SX-101	244-S	3/8/01	3/23/01	4.29E+03	0	1.72E+03
SX-103	244-S	3/8/01	3/23/01	4313.729	0	1423.531
SX-105	244-S	3/8/01	3/23/01	2255.564	0	902.225
244-BX	AP-107	3/13/01	3/14/01	14900	0	0
BY-106	244-BX	3/14/01	3/26/01	9312.5	0	5587.5
244-U	SY-102	3/22/01	3/22/01	14900	0	0
U-106	244-U	3/22/01	5/15/01	5036.765	0	3022.059
244-S	SY-102	3/23/01	3/23/01	14900	2.954E-07	0
SX-101	244-S	3/23/01	4/9/01	4147.285	0	1658.914
SX-103	244-S	3/23/01	4/9/01	4390.127	0	1448.742
SX-105	244-S	3/23/01	4/9/01	2324.952	0	929.981
244-BX	AP-107	3/26/01	3/26/01	1.49E+04	0	0
BY-106	244-BX	3/26/01	4/4/01	5914.216	0	3548.529
SPN87	SY-102	4/1/01	4/1/01	6300	0	0
BY-105	244-BX	4/1/01	4/4/01	3398.284	0.00E+00	2038.971
244-BX	AP-107	4/4/01	4/4/01	14900	0	0
BY-105	244-BX	4/4/01	4/10/01	5594.238	0	3356.543

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
BY-106	244-BX	4/4/01	4/10/01	3718.262	0	2230.957
244-S	SY-102	4/9/01	4/9/01	14900	1.966E-09	0
SX-101	244-S	4/9/01	4/30/01	4003.361	0	1601.344
SX-103	244-S	4/9/01	4/30/01	4472.535	0	1475.937
SX-105	244-S	4/9/01	4/30/01	2390.588	0	956.235
244-BX	AP-107	4/10/01	4/10/01	14900	0	0
BY-105	244-BX	4/10/01	4/16/01	5569.062	0	3341.437
BY-106	244-BX	4/10/01	4/16/01	3743.438	0	2246.063
244-BX	AP-107	4/16/01	4/16/01	14900	0	0
BY-105	244-BX	4/16/01	4/23/01	5564.945	0	3338.967
BY-106	244-BX	4/16/01	4/23/01	3747.555	0	2248.533
244-BX	AP-107	4/23/01	4/23/01	14900	0	0
BY-105	244-BX	4/23/01	4/30/01	5580.61	0	3348.366
BY-106	244-BX	4/23/01	4/30/01	3731.89	0	2239.134
244-BX	AP-107	4/30/01	4/30/01	14900	0	0
244-S	SY-102	4/30/01	4/30/01	14900	1.46E-11	0
BY-105	244-BX	4/30/01	5/7/01	5532.013	0	3319.208
BY-106	244-BX	4/30/01	5/7/01	3780.487	0	2268.292
SX-101	244-S	4/30/01	5/26/01	3824.808	0	1529.923
SX-103	244-S	4/30/01	5/26/01	4567.628	0	1507.317
SX-105	244-S	4/30/01	5/26/01	2478.802	0	991.521
244-BX	AP-107	5/7/01	5/7/01	14900	0	0
BY-105	244-BX	5/7/01	5/15/01	5515.783	0	3309.47
BY-106	244-BX	5/7/01	5/15/01	3796.717	0	2278.03
U-108	244-U	5/12/01	5/15/01	4275.735	0	2565.441
244-BX	AP-107	5/15/01	5/15/01	14900	0	0
244-U	SY-102	5/15/01	5/15/01	14900	0	0
U-108	244-U	5/15/01	5/22/01	9032.331	0	5419.398
BY-105	244-BX	5/15/01	5/24/01	5530.176	0	3318.106
BY-106	244-BX	5/15/01	5/24/01	3782.324	0	2269.394
244-U	SY-102	5/22/01	5/22/01	14900	0	0
U-108	244-U	5/22/01	5/30/01	9291.934	0	5575.16
244-BX	AP-107	5/24/01	5/24/01	14900	0	0
BY-105	244-BX	5/24/01	6/2/01	5506.223	0	3303.734
BY-106	244-BX	5/24/01	6/2/01	3806.277	0	2283.766
244-S	SY-102	5/26/01	5/26/01	14900	0	0
SX-101	244-S	5/26/01	6/29/01	3612.861	0	1445.144
SX-103	244-S	5/26/01	6/29/01	4.68E+03	0	1545.057
SX-105	244-S	5/26/01	6/29/01	2582.105	0	1032.842
244-U	SY-102	5/30/01	5/30/01	14900	0	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
U-108	244-U	5/30/01	6/8/01	9312.5	0	5587.5
AW-104	AW-102	6/1/01	6/2/01	319200	0	0
244-BX	AP-107	6/2/01	6/2/01	14900	0	0
242-A	AW-106	6/2/01	6/7/01	555300	0	0
BY-105	244-BX	6/2/01	6/12/01	5518.814	0	3311.288
BY-106	244-BX	6/2/01	6/12/01	3793.686	0	2276.212
244-U	SY-102	6/8/01	6/8/01	14900	0	0
AW-106	AW-102	6/8/01	6/11/01	681900	0	0
U-108	244-U	6/8/01	6/17/01	9312.5	0	5587.5
AW-104	AW-102	6/11/01	6/13/01	3.79E+05	0	0
244-BX	AP-107	6/12/01	6/12/01	14900	0	0
BY-105	244-BX	6/12/01	6/22/01	5479.211	0	3287.527
BY-106	244-BX	6/12/01	6/22/01	3833.289	0	2299.973
242-A	AW-106	6/13/01	6/18/01	332600	0	0
244-U	SY-102	6/17/01	6/17/01	14900	0	0
U-108	244-U	6/17/01	6/26/01	7940.202	0	4764.121
AW-104	AW-102	6/18/01	6/19/01	1.63E+05	0	0
244-BX	AP-107	6/22/01	6/22/01	14900	0	0
BY-105	244-BX	6/22/01	7/4/01	5466.322	0	3279.793
BY-106	244-BX	6/22/01	7/4/01	3846.178	0	2307.707
U-107	244-U	6/26/01	6/26/01	1372.298	0	823.379
244-U	SY-102	6/26/01	6/27/01	14900	0	0
U-107	244-U	6/27/01	7/1/01	5923.759	0	3554.256
U-108	244-U	6/27/01	7/1/01	3388.741	0	2033.244
244-S	SY-102	6/29/01	6/29/01	14900	0	0
SX-101	244-S	6/29/01	8/8/01	2857.249	0	1142.9
SX-103	244-S	6/29/01	8/8/01	4118.443	0	1359.086
SX-105	244-S	6/29/01	8/8/01	2331.786	0	932.714
244-U	SY-102	7/1/01	7/1/01	14900	0	0
SPN87	SY-102	7/1/01	7/1/01	6300	0.00E+00	0
SY-102	AP-107	7/1/01	7/1/01	174600	0	0
U-107	244-U	7/1/01	7/5/01	5903.504	0	3542.102
U-108	244-U	7/1/01	7/5/01	3408.996	0	2045.398
AP-107	AW-102	7/1/01	7/6/01	897800	0	0
242-A	AW-106	7/6/01	7/7/01	110100	0	0
SY-102	AP-107	7/6/01	7/7/01	341400	0	0
244-BX	AP-107	7/7/01	7/7/01	14900	0	0
244-U	SY-102	7/7/01	7/7/01	14900	0	0
AW-106	AW-104	7/7/01	7/12/01	885500	0	0
U-107	244-U	7/7/01	7/12/01	5936.687	0	3562.012

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
U-108	244-U	7/7/01	7/12/01	3375.813	0	2025.488
BY-105	244-BX	7/7/01	7/20/01	5447.891	0	3268.734
BY-106	244-BX	7/7/01	7/20/01	3864.609	0	2318.766
244-U	SY-102	7/12/01	7/12/01	14900	0	0
U-107	244-U	7/12/01	7/17/01	5863.764	0	3518.259
U-108	244-U	7/12/01	7/17/01	3448.736	0	2069.241
244-U	SY-102	7/17/01	7/17/01	14900	0	0
U-107	244-U	7/17/01	7/22/01	5841.078	0	3504.647
U-108	244-U	7/17/01	7/22/01	3471.422	0	2082.853
244-BX	AP-107	7/20/01	7/20/01	14900	0	0
BY-105	244-BX	7/20/01	8/4/01	5444.365	0	3266.619
BY-106	244-BX	7/20/01	8/4/01	3868.135	0	2320.881
244-U	SY-102	7/22/01	7/22/01	1.49E+04	0	0
U-107	244-U	7/22/01	7/28/01	5.82E+03	0	3492.02
U-108	244-U	7/22/01	7/28/01	3492.466	0	2095.48
244-U	SY-102	7/28/01	7/28/01	14900	0	0
U-107	244-U	7/28/01	8/3/01	5806.02	0	3483.612
U-108	244-U	7/28/01	8/3/01	3506.48	0	2103.888
244-U	SY-102	8/3/01	8/3/01	14900	0	0
U-107	244-U	8/3/01	8/9/01	5786.939	0	3472.164
U-108	244-U	8/3/01	8/9/01	3525.561	0	2115.336
244-BX	AP-107	8/4/01	8/4/01	14900	0	0
BY-105	244-BX	8/4/01	8/21/01	5410.348	0	3246.209
BY-106	244-BX	8/4/01	8/21/01	3902.152	0	2341.291
244-S	SY-102	8/8/01	8/8/01	14900	0	0
S-111	244-S	8/8/01	8/8/01	1541.301	0	616.521
S-111	244-S	8/8/01	8/13/01	9941.812	0	3774.539
244-U	SY-102	8/9/01	8/9/01	14900	0	0
U-107	244-U	8/9/01	8/16/01	5751.921	0	3451.153
U-108	244-U	8/9/01	8/16/01	3560.579	0	2136.347
244-S	SY-102	8/13/01	8/13/01	14900	0	0
S-111	244-S	8/13/01	8/18/01	9776.138	0	3910.455
244-U	SY-102	8/16/01	8/16/01	14900	0	0
U-107	244-U	8/16/01	8/23/01	5743.143	0	3445.886
U-108	244-U	8/16/01	8/23/01	3569.357	0	2141.614
244-S	SY-102	8/18/01	8/18/01	14900	0.00E+00	0
S-111	244-S	8/18/01	8/24/01	9768.009	0	3907.203
244-BX	AP-107	8/21/01	8/21/01	14900	0	0
BY-105	244-BX	8/21/01	9/9/01	5384.225	0	3230.535
BY-106	244-BX	8/21/01	9/9/01	3928.275	0	2356.965

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
244-U	SY-102	8/23/01	8/24/01	14900	0	0
244-S	SY-102	8/24/01	8/24/01	14900	0	0
S-111	244-S	8/24/01	8/29/01	9751.282	0	3900.513
U-107	244-U	8/24/01	9/1/01	5701.444	0	3420.866
U-108	244-U	8/24/01	9/1/01	3611.056	0	2166.634
244-S	SY-102	8/29/01	8/29/01	14900	0	0
S-111	244-S	8/29/01	9/4/01	9747.587	0	3899.035
244-U	SY-102	9/1/01	9/1/01	14900	0	0
U-107	244-U	9/1/01	9/10/01	5642.89	0	3385.734
U-108	244-U	9/1/01	9/10/01	3669.61	0	2201.766
244-S	SY-102	9/4/01	9/5/01	14900	0	0
S-111	244-S	9/5/01	9/11/01	9726.577	0	3890.631
244-BX	AP-107	9/9/01	9/9/01	14900	0	0
BY-105	244-BX	9/9/01	10/2/01	5350.968	0	3210.581
BY-106	244-BX	9/9/01	10/2/01	3.96E+03	0	2376.919
244-U	SY-102	9/10/01	9/10/01	14900	0	0
U-107	244-U	9/10/01	9/20/01	5621.972	0	3373.183
U-108	244-U	9/10/01	9/20/01	3.69E+03	0	2214.317
244-S	SY-102	9/11/01	9/11/01	14900	0	0
S-111	244-S	9/11/01	9/18/01	9.82E+03	0	3927.468
244-S	SY-102	9/18/01	9/18/01	14900	0	0
S-111	244-S	9/18/01	9/27/01	10189.168	0	4075.667
244-U	SY-102	9/20/01	9/20/01	1.49E+04	0	0
U-107	244-U	9/20/01	10/1/01	5582.991	0	3349.794
U-108	244-U	9/20/01	10/1/01	3729.509	0	2237.706
244-S	SY-102	9/27/01	9/27/01	14900	0	0
S-111	244-S	9/27/01	10/2/01	6.56E+03	0	2624.395
244-U	SY-102	10/1/01	10/1/01	14900	0	0
34L87	AP-107	10/1/01	10/1/01	5.00E+03	0	0
PXTCO	AP-107	10/1/01	10/1/01	5.00E+03	0	0
SPN87	SY-102	10/1/01	10/1/01	6.30E+03	0	0
TAL88	AP-107	10/1/01	10/1/01	2.30E+04	0	0
WASH-CAUSTIC	AN-102	10/1/01	10/1/01	12917	0	0
WASH-CAUSTIC	AN-107	10/1/01	10/1/01	54948	0	0
WESF	AP-107	10/1/01	10/1/01	5.00E+03	0	0
SX-102	244-S	10/1/01	10/2/01	3.79E+03	0	1514
U-107	244-U	10/1/01	10/15/01	5514.63	0	3308.778
U-108	244-U	10/1/01	10/15/01	3797.87	0	2278.722
244-S	SY-102	10/2/01	10/2/01	1.49E+04	0	0
WATER	AP-107	10/2/01	10/2/01	5.06E+03	0	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
244-BX	AP-107	10/2/01	10/3/01	1.49E+04	0	0
S-111	244-S	10/2/01	10/6/01	3614.968	0	1445.987
SX-102	244-S	10/2/01	10/6/01	6859.747	0	2743.899
BY-105	244-BX	10/3/01	10/31/01	5319.213	0	3191.528
BY-106	244-BX	10/3/01	10/31/01	3993.287	0	2395.972
244-S	SY-102	10/6/01	10/6/01	14900	0	0
S-111	244-S	10/6/01	10/9/01	3505.08	0	1402.032
SX-102	244-S	10/6/01	10/9/01	6.97E+03	0	2789.75
244-S	SY-102	10/9/01	10/9/01	14900	0	0
S-111	244-S	10/9/01	10/13/01	3530.544	0	1412.218
SX-102	244-S	10/9/01	10/13/01	6945.56	0	2778.224
244-S	SY-102	10/13/01	10/13/01	1.49E+04	0	0
S-111	244-S	10/13/01	10/17/01	3540.224	0	1416.089
SX-102	244-S	10/13/01	10/17/01	6933.222	0	2773.289
244-U	SY-102	10/15/01	10/15/01	1.49E+04	0	0
U-107	244-U	10/15/01	10/30/01	5441.802	0	3265.081
U-108	244-U	10/15/01	10/30/01	3870.698	0	2322.419
244-S	SY-102	10/17/01	10/17/01	14900	0	0
S-111	244-S	10/17/01	10/21/01	3535.177	0	1414.071
SX-102	244-S	10/17/01	10/21/01	6936.06	0	2774.424
244-S	SY-102	10/21/01	10/21/01	14900	0	0
S-111	244-S	10/21/01	10/25/01	3516.116	0	1406.446
SX-102	244-S	10/21/01	10/25/01	6953.471	0	2781.389
244-S	SY-102	10/25/01	10/25/01	1.49E+04	0	0
S-111	244-S	10/25/01	10/29/01	3483.273	0	1393.309
SX-102	244-S	10/25/01	10/29/01	6985.214	0	2794.086
244-S	SY-102	10/29/01	10/29/01	1.49E+04	0	0
S-111	244-S	10/29/01	11/2/01	3438.733	0	1375.493
SX-102	244-S	10/29/01	11/2/01	7.03E+03	0	2811.687
244-U	SY-102	10/30/01	10/31/01	14900	0	0
244-BX	AP-107	10/31/01	10/31/01	14900	0	0
U-107	244-U	10/31/01	11/19/01	5359.077	0	3215.446
U-108	244-U	10/31/01	11/19/01	3953.423	0	2372.054
BY-105	244-BX	10/31/01	12/9/01	5271.465	0	3162.879
BY-106	244-BX	10/31/01	12/9/01	4041.035	0	2424.621
244-S	SY-102	11/2/01	11/2/01	14900	0	0
S-111	244-S	11/2/01	11/7/01	3383.983	0	1353.593
SX-102	244-S	11/2/01	11/7/01	7083.836	0	2833.534
244-S	SY-102	11/7/01	11/7/01	14900	0	0
SY-102	AP-107	11/7/01	11/8/01	315100	0	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
S-111	244-S	11/7/01	11/12/01	3400.941	0	1360.376
SX-102	244-S	11/7/01	11/12/01	7061.22	0	2824.488
AP-107	AW-102	11/8/01	11/10/01	235200	0	0
SY-102	AP-107	11/10/01	11/10/01	199400	0	0
242-A	AW-106	11/10/01	11/15/01	480500	0	0
244-S	SY-102	11/12/01	11/12/01	1.49E+04	0	0
S-111	244-S	11/12/01	11/17/01	3344.616	0	1337.847
SX-102	244-S	11/12/01	11/17/01	7118.92	0	2847.568
AW-106	AW-102	11/15/01	11/18/01	682600	0	0
244-S	SY-102	11/17/01	11/17/01	14900	0	0
S-111	244-S	11/17/01	11/23/01	3349.175	0	1339.67
SX-102	244-S	11/17/01	11/23/01	7185.357	0	2874.143
244-U	SY-102	11/19/01	11/19/01	14900	0	0
U-107	244-U	11/19/01	12/14/01	5268.778	0	3161.267
U-108	244-U	11/19/01	12/14/01	4.04E+03	0	2426.233
244-S	SY-102	11/23/01	11/23/01	14900	0	0
S-111	244-S	11/23/01	11/28/01	3326.616	0	1330.646
SX-102	244-S	11/23/01	11/28/01	7316.242	0	2926.497
244-S	SY-102	11/28/01	11/29/01	14900	0	0
S-111	244-S	11/29/01	12/5/01	3341.291	0	1336.516
SX-102	244-S	11/29/01	12/5/01	7301.566	0	2920.627
244-S	SY-102	12/5/01	12/5/01	14900	0	0
S-111	244-S	12/5/01	12/11/01	3286.364	0	1314.545
SX-102	244-S	12/5/01	12/11/01	7356.494	0	2942.597
244-BX	AP-107	12/9/01	12/9/01	14900	0	0
AP-107	AW-102	12/9/01	12/11/01	377900	0	0
BY-105	244-BX	12/9/01	2/4/02	5207.959	0	3124.776
BY-106	244-BX	12/9/01	2/4/02	4104.541	0	2462.724
244-S	SY-102	12/11/01	12/11/01	14900	0	0
242-A	AW-106	12/11/01	12/16/01	266200	0	0
S-111	244-S	12/11/01	12/19/01	3258.942	0	1303.577
SX-102	244-S	12/11/01	12/19/01	7383.915	0	2953.566
244-U	SY-102	12/14/01	12/14/01	14900	0	0
U-107	244-U	12/14/01	1/19/02	5130.194	0	3078.117
U-108	244-U	12/14/01	1/19/02	4182.306	0	2509.383
244-S	SY-102	12/19/01	12/19/01	14900	0	0
S-111	244-S	12/19/01	12/26/01	3208.628	0	1283.451
SX-102	244-S	12/19/01	12/26/01	7434.229	0	2973.691
244-S	SY-102	12/26/01	12/26/01	14900	0	0
S-111	244-S	12/26/01	1/4/02	3165.118	0	1266.047

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
SX-102	244-S	12/26/01	1/4/02	7477.739	0	2991.096
SPN87	SY-102	1/1/02	1/1/02	6300	0	0
244-S	SY-102	1/4/02	1/4/02	14900	0	0
S-111	244-S	1/4/02	1/13/02	3134.696	0	1253.879
SX-102	244-S	1/4/02	1/13/02	7508.161	0	3003.264
244-S	SY-102	1/13/02	1/13/02	14900	0	0
S-111	244-S	1/13/02	1/23/02	3100.872	0	1240.349
SX-102	244-S	1/13/02	1/23/02	7541.985	0	3016.794
244-U	SY-102	1/19/02	1/19/02	14900	0	0
U-107	244-U	1/19/02	1/31/02	1228.024	0	736.815
U-108	244-U	1/19/02	1/31/02	1055.536	0	633.322
244-S	SY-102	1/23/02	1/23/02	14900	0	0
S-111	244-S	1/23/02	2/3/02	3041.893	0	1216.757
SX-102	244-S	1/23/02	2/3/02	7600.964	0	3040.386
U-111	244-U	1/25/02	1/31/02	7028.939	0	4217.364
244-U	SY-102	1/31/02	1/31/02	14900	0	0
U-111	244-U	1/31/02	2/8/02	7927.586	0	4756.551
244-S	SY-102	2/3/02	2/3/02	14900	0	0
S-111	244-S	2/3/02	2/16/02	2982.769	0	1193.107
SX-102	244-S	2/3/02	2/16/02	7660.089	0	3064.035
244-BX	AP-107	2/4/02	2/4/02	14900	0	0
BY-106	244-BX	2/4/02	4/1/02	2529.617	0	1517.77
BY-105	244-BX	2/4/02	4/21/02	3907.883	0	2344.73
244-U	SY-102	2/8/02	2/8/02	14900	0	0
U-111	244-U	2/8/02	2/17/02	7881.557	0	4728.934
244-S	SY-102	2/16/02	2/16/02	14900	0	0
S-111	244-S	2/16/02	3/3/02	2922.143	0	1168.857
SX-102	244-S	2/16/02	3/3/02	7720.714	0	3088.285
244-U	SY-102	2/17/02	2/18/02	14900	0	0
U-111	244-U	2/18/02	2/28/02	7831.631	0	4698.979
244-U	SY-102	2/28/02	2/28/02	14900	0	0
U-111	244-U	2/28/02	3/13/02	7761.291	0	4656.775
244-S	SY-102	3/3/02	3/3/02	14900	0	0
S-111	244-S	3/3/02	3/12/02	1671.561	0	668.624
SX-102	244-S	3/3/02	3/12/02	4568.522	0	1827.409
S-109	244-S	3/9/02	3/12/02	4402.775	0	1761.11
244-S	SY-102	3/12/02	3/13/02	14900	0	0
244-U	SY-102	3/13/02	3/13/02	14900	0	0
S-109	244-S	3/13/02	3/19/02	6825.677	0	2730.271
S-111	244-S	3/13/02	3/19/02	1008.52	0	403.408

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
SX-102	244-S	3/13/02	3/19/02	2808.66	0	1123.464
U-111	244-U	3/13/02	3/29/02	7695.759	0	4617.456
244-S	SY-102	3/19/02	3/19/02	14900	0	0
S-109	244-S	3/19/02	3/26/02	6814.19	0	2725.676
SX-102	244-S	3/19/02	3/26/02	2828.791	0	1131.516
244-S	SY-102	3/26/02	3/26/02	14900	0	0
S-109	244-S	3/26/02	4/3/02	6750.549	0	2700.22
S-111	244-S	3/26/02	4/3/02	1001.176	0	400.471
SX-102	244-S	3/26/02	4/3/02	2891.131	0	1156.453
244-U	SY-102	3/29/02	3/29/02	14900	0	0
U-111	244-U	3/29/02	4/19/02	7596.874	0	4558.124
SPN87	SY-102	4/1/02	4/1/02	6300	0	0
244-S	SY-102	4/3/02	4/3/02	14900	0	0
S-109	244-S	4/3/02	4/12/02	6690.791	0	2676.316
S-111	244-S	4/3/02	4/12/02	1005.298	0	402.119
SX-102	244-S	4/3/02	4/12/02	2946.768	0	1178.707
244-S	SY-102	4/12/02	4/12/02	14900	0	0
S-109	244-S	4/12/02	4/20/02	5409.223	0	2163.689
SX-102	244-S	4/12/02	4/20/02	2477.692	0	991.077
S-107	244-S	4/18/02	4/20/02	1926.19	0	770.476
244-U	SY-102	4/19/02	4/19/02	14900	0	0
U-111	244-U	4/19/02	5/30/02	9251.363	0	5550.818
244-S	SY-102	4/20/02	4/20/02	14900	0	0
S-107	244-S	4/20/02	4/23/02	3271.179	0	1308.472
S-109	244-S	4/20/02	4/23/02	2208.678	0	883.471
S-112	244-S	4/20/02	4/23/02	3788.492	0	1515.397
SX-102	244-S	4/20/02	4/23/02	1032.934	0	413.174
244-BX	AP-107	4/21/02	4/21/02	10300	0	0
244-S	SY-102	4/23/02	4/23/02	14900	0	0
S-107	244-S	4/23/02	4/27/02	3245.856	0	1298.342
S-109	244-S	4/23/02	4/27/02	2205.074	0	882.029
S-112	244-S	4/23/02	4/27/02	3833.63	0	1533.452
SX-102	244-S	4/23/02	4/27/02	1022.982	0	409.193
244-S	SY-102	4/27/02	4/27/02	14900	0	0
S-107	244-S	4/27/02	5/1/02	3201.488	0	1280.595
S-109	244-S	4/27/02	5/1/02	2227.5	0	891
S-112	244-S	4/27/02	5/1/02	3782.867	0	1513.147
SX-102	244-S	4/27/02	5/1/02	1079.872	0	431.949
244-S	SY-102	5/1/02	5/1/02	14900	0	0
SY-102	AP-107	5/1/02	5/2/02	313100	0	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
S-107	244-S	5/1/02	5/5/02	3209.549	0	1283.82
S-109	244-S	5/1/02	5/5/02	2225.87	0	890.348
S-112	244-S	5/1/02	5/5/02	3774.132	0	1509.653
SX-102	244-S	5/1/02	5/5/02	1084.005	0	433.602
AP-107	AW-102	5/2/02	5/7/02	1061000	0	0
242-A	AW-106	5/7/02	5/8/02	50730.621	0	0
SY-102	AP-107	5/7/02	5/8/02	194000	0	0
244-S	SY-102	5/8/02	5/8/02	14900	0	0
AW-106	AP-106	5/8/02	5/9/02	161600	0	0
S-107	244-S	5/8/02	5/12/02	3190.592	0	1276.237
S-109	244-S	5/8/02	5/12/02	2235.589	0	894.236
S-112	244-S	5/8/02	5/12/02	3769.041	0	1507.617
SX-102	244-S	5/8/02	5/12/02	1101.58	0	440.632
244-S	SY-102	5/12/02	5/12/02	14900	0	0
S-107	244-S	5/12/02	5/17/02	3150.183	0	1260.073
S-109	244-S	5/12/02	5/17/02	2231.242	0	892.497
S-112	244-S	5/12/02	5/17/02	3786.157	0	1514.463
SX-102	244-S	5/12/02	5/17/02	1120.842	0	448.337
244-S	SY-102	5/17/02	5/17/02	14900	0	0
S-107	244-S	5/17/02	5/22/02	3138.855	0	1255.542
S-109	244-S	5/17/02	5/22/02	2249.147	0	899.659
S-112	244-S	5/17/02	5/22/02	3746.083	0	1498.433
SX-102	244-S	5/17/02	5/22/02	1149.22	0	459.688
244-S	SY-102	5/22/02	5/22/02	14900	0	0
S-107	244-S	5/22/02	5/27/02	3144.374	0	1257.749
S-109	244-S	5/22/02	5/27/02	2263.559	0	905.424
S-112	244-S	5/22/02	5/27/02	3704.439	0	1481.775
SX-102	244-S	5/22/02	5/27/02	1168.954	0	467.582
244-S	SY-102	5/27/02	5/27/02	14900	0	0
S-107	244-S	5/27/02	6/2/02	3110.698	0	1244.279
S-109	244-S	5/27/02	6/2/02	2288.768	0	915.507
S-112	244-S	5/27/02	6/2/02	3657.18	0	1462.872
SX-102	244-S	5/27/02	6/2/02	1215.072	0	486.029
244-U	SY-102	5/30/02	5/30/02	14900	0	0
U-111	244-U	5/30/02	9/3/02	8025	0	4815
244-S	SY-102	6/2/02	6/2/02	14900	0	0
S-107	244-S	6/2/02	6/6/02	2153.083	0	861.233
S-109	244-S	6/2/02	6/6/02	1581.009	0	632.403
S-112	244-S	6/2/02	6/6/02	2536.261	0	1014.504
S-101	244-S	6/4/02	6/6/02	3264.997	0	1305.999

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
244-S	SY-102	6/6/02	6/7/02	14900	0	0
S-101	244-S	6/7/02	6/11/02	4182.528	0	1673.011
S-107	244-S	6/7/02	6/11/02	1858.642	0	743.457
S-109	244-S	6/7/02	6/11/02	1399.794	0	559.918
S-112	244-S	6/7/02	6/11/02	2189.155	0	875.662
244-S	SY-102	6/11/02	6/11/02	14900	0	0
S-101	244-S	6/11/02	6/15/02	4181.592	0	1672.637
S-107	244-S	6/11/02	6/15/02	1852.71	0	741.084
S-109	244-S	6/11/02	6/15/02	1409.635	0	563.854
S-112	244-S	6/11/02	6/15/02	2181.907	0	872.763
244-S	SY-102	6/15/02	6/15/02	14900	0	0
S-101	244-S	6/15/02	6/19/02	4205.225	0	1682.09
S-107	244-S	6/15/02	6/19/02	1834.157	0	733.663
S-109	244-S	6/15/02	6/19/02	1410.329	0	564.132
S-112	244-S	6/15/02	6/19/02	2159.785	0	863.914
244-S	SY-102	6/19/02	6/19/02	14900	0	0
S-101	244-S	6/19/02	6/24/02	4243.969	0	1697.587
S-107	244-S	6/19/02	6/24/02	1802.683	0	721.073
S-109	244-S	6/19/02	6/24/02	1400.614	0	560.246
S-112	244-S	6/19/02	6/24/02	2157.183	0	862.873
244-S	SY-102	6/24/02	6/24/02	14900	0	0
S-101	244-S	6/24/02	6/29/02	4244.74	0	1697.896
S-107	244-S	6/24/02	6/29/02	1801.423	0	720.569
S-109	244-S	6/24/02	6/29/02	1405.693	0	562.277
S-112	244-S	6/24/02	6/29/02	2133.09	0	853.236
244-S	SY-102	6/29/02	6/29/02	14900	0	0
S-101	244-S	6/29/02	7/5/02	4204.981	0	1681.992
S-107	244-S	6/29/02	7/5/02	1803.81	0	721.524
S-109	244-S	6/29/02	7/5/02	1439.342	0	575.737
S-112	244-S	6/29/02	7/5/02	2093.496	0	837.398
SPN87	SY-102	7/1/02	7/1/02	6300	0	0
244-S	SY-102	7/5/02	7/5/02	14900	0	0
S-101	244-S	7/5/02	7/11/02	4247.787	0	1699.115
S-107	244-S	7/5/02	7/11/02	1771.213	0	708.485
S-109	244-S	7/5/02	7/11/02	1433.532	0	573.413
S-112	244-S	7/5/02	7/11/02	2.08E+03	0	833.088
244-S	SY-102	7/11/02	7/11/02	14900	0	0
S-101	244-S	7/11/02	7/18/02	4231.886	0	1692.754
S-107	244-S	7/11/02	7/18/02	1761.479	0	704.592
S-109	244-S	7/11/02	7/18/02	1447.739	0	579.096

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
S-112	244-S	7/11/02	7/18/02	2051.589	0	820.636
244-S	SY-102	7/18/02	7/18/02	14900	0	0
S-101	244-S	7/18/02	7/25/02	4348.356	0	1739.343
S-107	244-S	7/18/02	7/25/02	1759.441	0	703.776
S-109	244-S	7/18/02	7/25/02	1470.917	0	588.367
S-112	244-S	7/18/02	7/25/02	2070.131	0	828.052
244-S	SY-102	7/25/02	7/25/02	14900	0	0
S-101	244-S	7/25/02	8/2/02	4362.291	0	1744.916
S-107	244-S	7/25/02	8/2/02	1751.77	0	700.708
S-109	244-S	7/25/02	8/2/02	1492.678	0	597.071
S-112	244-S	7/25/02	8/2/02	2055.635	0	822.254
244-S	SY-102	8/2/02	8/2/02	1.49E+04	0	0
S-101	244-S	8/2/02	8/11/02	4.42E+03	0	1767.65
S-107	244-S	8/2/02	8/11/02	1.71E+03	0	684.441
S-109	244-S	8/2/02	8/11/02	1489.651	0	595.861
S-112	244-S	8/2/02	8/11/02	2013.195	0	805.278
SX-102	244-S	8/2/02	8/11/02	1009.783	0	403.913
244-S	SY-102	8/11/02	8/12/02	14900	0	0
S-101	244-S	8/12/02	8/22/02	4419.569	0	1767.827
S-107	244-S	8/12/02	8/22/02	1686.183	0	674.473
S-109	244-S	8/12/02	8/22/02	1504.272	0	601.709
S-112	244-S	8/12/02	8/22/02	1983.305	0	793.322
SX-102	244-S	8/12/02	8/22/02	1049.528	0	419.811
244-S	SY-102	8/22/02	8/22/02	14900	0	0
S-101	244-S	8/22/02	9/4/02	4425.185	0	1770.074
S-107	244-S	8/22/02	9/4/02	1649	0	659.6
S-109	244-S	8/22/02	9/4/02	1519.647	0	607.859
S-112	244-S	8/22/02	9/4/02	1934.934	0	773.973
SX-102	244-S	8/22/02	9/4/02	1114.092	0	445.637
C-103	244-CR	8/29/02	9/2/02	13636.364	0	1363.636
244-CR	AP-108	9/2/02	9/2/02	14900	0	0
C-103	244-CR	9/2/02	9/7/02	13545.455	0	1354.545
244-U	SY-102	9/3/02	9/3/02	12840	0	0
244-S	SY-102	9/4/02	9/4/02	14900	0	0
S-101	244-S	9/4/02	9/19/02	4446.807	0	1778.723
S-107	244-S	9/4/02	9/19/02	1603.655	0	641.462
S-109	244-S	9/4/02	9/19/02	1528.179	0	611.271
S-112	244-S	9/4/02	9/19/02	1885.664	0	754.266
SX-102	244-S	9/4/02	9/19/02	1178.552	0	471.421
244-CR	AP-108	9/7/02	9/8/02	14900	0	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
C-103	244-CR	9/8/02	9/14/02	13545.455	0	1354.545
244-CR	AP-108	9/14/02	9/14/02	14900	0	0
C-103	244-CR	9/14/02	9/24/02	13545.455	0	1354.545
244-S	SY-102	9/19/02	9/19/02	14900	0	0
S-101	244-S	9/19/02	10/8/02	4481.127	0	1792.451
S-107	244-S	9/19/02	10/8/02	1550.388	0	620.155
S-109	244-S	9/19/02	10/8/02	1532.687	0	613.075
S-112	244-S	9/19/02	10/8/02	1822.147	0	728.859
SX-102	244-S	9/19/02	10/8/02	1256.508	0	502.603
244-CR	AP-108	9/24/02	9/24/02	14900	0	0
C-103	244-CR	9/24/02	10/9/02	13545.455	0	1354.545
1KL96	AP-107	10/1/02	10/1/02	2.50E+04	0.39	9.528E-13
1NS96	AP-107	10/1/02	10/1/02	4199.934	0.066	0
34L87	AP-107	10/1/02	10/1/02	7000	0	0
34L87	AP-107	10/1/02	10/1/02	5000	0	0
PXTCO	AP-107	10/1/02	10/1/02	5000	0	0
SPN87	SY-102	10/1/02	10/1/02	6300	0	0
TAL88	AP-107	10/1/02	10/1/02	24000	0	0
WESF	AP-107	10/1/02	10/1/02	5.00E+03	0	0
WATER	AP-107	10/2/02	10/2/02	11000	0	0
WATER	AP-107	10/2/02	10/2/02	5280	0	0
244-S	SY-102	10/8/02	10/8/02	1.49E+04	0	0
S-101	244-S	10/8/02	11/4/02	4488.408	0	1.80E+03
S-107	244-S	10/8/02	11/4/02	1483.391	0	593.356
S-109	244-S	10/8/02	11/4/02	1550.069	0	620.028
S-112	244-S	10/8/02	11/4/02	1742.255	0	696.902
SX-102	244-S	10/8/02	11/4/02	1378.735	0	551.494
244-CR	AP-108	10/9/02	10/9/02	14900	0	0
C-103	244-CR	10/9/02	11/24/02	13545.455	0	1354.545
1KL96	AP-107	11/1/02	11/1/02	24999.61	0.39	9.528E-13
1NS96	AP-107	11/1/02	11/1/02	4199.934	0.066	0
WATER	AP-107	11/2/02	11/2/02	11000	0	0
244-S	SY-102	11/4/02	11/4/02	14900	0	0
S-101	244-S	11/4/02	11/28/02	2907.426	0	1162.97
S-112	244-S	11/4/02	11/28/02	1.07E+03	0	426.211
244-CR	AP-108	11/24/02	11/24/02	14900	0	0
C-103	244-CR	11/24/02	12/20/02	1636.364	0	163.636
244-S	SY-102	11/28/02	11/28/02	9088.798	0	0
S-101	244-S	11/28/02	2/11/03	4694.001	0	1877.6
1KL96	AP-107	12/1/02	12/1/02	24999.61	0.39	9.528E-13

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
1NS96	AP-107	12/1/02	12/1/02	4199.934	0.066	0
WATER	AP-107	12/2/02	12/2/02	11000	0	0
244-CR	AP-108	12/20/02	12/20/02	1800	0	0
1KL96	AP-107	1/1/03	1/1/03	24999.61	0.39	9.961E-13
1NS96	AP-107	1/1/03	1/1/03	4199.934	0.066	1.635E-13
SPN87	SY-102	1/1/03	1/1/03	6300	0	0
WATER	AP-107	1/2/03	1/2/03	11000	0	0
1KL96	AP-107	2/1/03	2/1/03	24999.61	0.39	9.528E-13
1NS96	AP-107	2/1/03	2/1/03	4199.934	0.066	0
WATER	AP-107	2/2/03	2/2/03	11000	0	0
244-S	SY-102	2/11/03	2/11/03	6571.602	0	0
1KL96	AP-107	3/1/03	3/1/03	24999.61	0.39	9.528E-13
1NS96	AP-107	3/1/03	3/1/03	2015.385	0.032	0
WATER	AP-107	3/2/03	3/2/03	11000	0	0
1KL96	AP-107	4/1/03	4/1/03	24999.61	0.39	9.528E-13
SPN87	SY-102	4/1/03	4/1/03	6300	0	0.00E+00
WATER	AP-107	4/2/03	4/2/03	11000	0	0
1KL96	AP-107	5/1/03	5/1/03	24999.61	0.39	9.528E-13
WATER	AP-107	5/2/03	5/2/03	11000	0	0
1KL96	AP-107	6/1/03	6/1/03	24999.61	0.39	9.961E-13
WATER	AP-107	6/2/03	6/2/03	11000	0	0
1KL96	AP-107	7/1/03	7/1/03	24999.61	0.39	9.528E-13
SPN87	SY-102	7/1/03	7/1/03	6300	0	0
AN-101	AP-103	7/1/03	7/4/03	644100	0	0
WATER	AP-107	7/2/03	7/2/03	11000	0	0
WATER	AN-101	7/7/03	7/7/03	40000	0	0
1KL96	AP-107	8/1/03	8/1/03	24999.61	0.39	9.96E-13
WATER	AP-107	8/2/03	8/2/03	11000	0	0
1KL96	AP-107	9/1/03	9/1/03	24999.61	0.39	9.53E-13
WATER	AP-107	9/2/03	9/2/03	11000	0	0
34L87	AP-107	10/1/03	10/1/03	5000	0	0.00E+00
PXTCO	AP-107	10/1/03	10/1/03	5000	0	0
SPN87	SY-102	10/1/03	10/1/03	6300	0	0
TAL88	AP-107	10/1/03	10/1/03	24000	0	0
WESF	AP-107	10/1/03	10/1/03	5000	0	0
WATER	AP-107	10/2/03	10/2/03	5280	0	0
SPN87	SY-102	1/1/04	1/1/04	6300	0	0
S-103	SY-102	1/1/04	1/28/04	99471.498	528.502	1.128E-16
SPN87	SY-102	4/1/04	4/1/04	6300	0	0
AP-107	AW-102	5/1/04	5/1/04	117600	0	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
SPN87	SY-102	7/1/04	7/1/04	6300	0	0.00E+00
1FL96	AP-107	10/1/04	10/1/04	16699.74	0.26	0
34L87	AP-107	10/1/04	10/1/04	5000	0	0
PXTCO	AP-107	10/1/04	10/1/04	5000	0	0.00E+00
SPN87	SY-102	10/1/04	10/1/04	6300	0	0
TAL88	AP-107	10/1/04	10/1/04	2000	0	0
TAL88	AP-107	10/1/04	10/1/04	22000	0	0
WESF	AP-107	10/1/04	10/1/04	5000	0	0
242-A	AW-106	10/1/04	10/2/04	115000	0	0
WATER	AP-107	10/2/04	10/2/04	7348	0	0.00E+00
AP-107	AW-102	10/2/04	10/4/04	252000	0	0.00E+00
AW-106	AW-103	10/2/04	10/5/04	634000	0	0
242-A	AW-106	10/4/04	10/9/04	533800	0	0
AW-106	AW-102	10/9/04	10/13/04	883600	0	0
1FL96	AP-107	11/1/04	11/1/04	16699.74	0.26	0
AN-106	AW-102	11/1/04	11/1/04	107600	0	0
242-A	AW-106	11/1/04	11/6/04	261600	0	0
WATER	AP-107	11/2/04	11/2/04	7348	0	0
AN-106	AW-102	11/7/04	11/12/04	991900	0	0
242-A	AW-106	11/12/04	11/12/04	44064.492	0	0
AW-106	AP-105	11/12/04	11/14/04	378000	0	0
1FL96	AP-107	12/1/04	12/1/04	16699.74	0.26	0
AN-101	AP-107	12/2/04	12/2/04	180500	0	0
WATER	AP-107	12/2/04	12/2/04	7348	0	0
WASH-WATER	AN-101	12/2/04	12/2/04	0	0	1.40E+05
AN-104	AN-101	12/2/04	12/7/04	676000	1665.206	364000
SPN87	SY-102	1/1/05	1/1/05	6300	0	0
AP-107	AW-102	1/1/05	1/2/05	186200	0	0
WATER	AP-107	1/2/05	1/2/05	7348	0	0
242-A	AW-106	1/2/05	1/5/05	248900	0	0
1FL96	AP-107	1/3/05	1/3/05	16699.74	0.26	0.00E+00
AW-106	AW-105	1/5/05	1/8/05	714000	0	0
1FL96	AP-107	2/1/05	2/1/05	16699.74	0.26	0
WATER	AP-107	2/2/05	2/2/05	7348	0	0
1FL96	AP-107	3/1/05	3/1/05	16699.74	0.26	0.00E+00
WATER	AP-107	3/2/05	3/2/05	7348	0	0
1FL96	AP-107	4/1/05	4/1/05	16699.74	0.26	0
SPN87	SY-102	4/1/05	4/1/05	6300	0	0
WATER	AP-107	4/2/05	4/2/05	7348	0	0
1FL96	AP-107	5/1/05	5/1/05	1.67E+04	0.26	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
WATER	AP-107	5/2/05	5/2/05	7348	0	0
1FL96	AP-107	6/1/05	6/1/05	15912.02	0.248	0
AP-107	AW-102	6/1/05	6/4/05	588000	0	0
WATER	AP-107	6/2/05	6/2/05	7348	0	0
242-A	AW-106	6/4/05	6/9/05	711000	0	0
WATER	AN-104	6/5/05	6/5/05	0	0	131300
AW-106	AW-102	6/9/05	6/13/05	855700	0	0
1FL96	AP-107	7/1/05	7/1/05	1.67E+04	0.26	0
SPN87	SY-102	7/1/05	7/1/05	6300	0	0.00E+00
WATER	AP-107	7/2/05	7/2/05	7348	0	0
AN-101	AN-104	7/8/05	7/10/05	587500	0	0
1FL96	AP-107	8/1/05	8/1/05	16699.74	0.26	0
WATER	AP-107	8/2/05	8/2/05	7348	0	0
AN-104	AN-101	8/9/05	8/10/05	3.00E+05	0	0
1FL96	AP-107	9/1/05	9/1/05	1.67E+04	0.26	0
WATER	AP-107	9/2/05	9/2/05	7348	0	0
AN-101	AN-104	9/9/05	9/10/05	300000	0	0.00E+00
34L87	AP-107	10/1/05	10/1/05	7000	0	0
34L87	AP-107	10/1/05	10/1/05	5000	0	0
PXTCO	AP-107	10/1/05	10/1/05	5.00E+03	0	0.00E+00
SPN87	SY-102	10/1/05	10/1/05	6300	0	0
TAL88	AP-107	10/1/05	10/1/05	24000	0	0.00E+00
WESF	AP-107	10/1/05	10/1/05	5.00E+03	0	0
WATER	AP-107	10/2/05	10/2/05	5.28E+03	0	0
AN-104	AN-101	10/11/05	10/12/05	300000	0	0
AN-101	AN-104	11/11/05	11/12/05	298100	0	0
AN-104	AN-101	12/13/05	12/14/05	3.00E+05	0	0
SPN87	SY-102	1/1/06	1/1/06	6300	0	0
SPN87	SY-102	4/1/06	4/1/06	6300	0	0
AP-101	SPARE-101	4/29/06	4/29/06	1.09E+06	0	0
SPN87	SY-102	7/1/06	7/1/06	6300	0	0
34L87	AP-107	10/1/06	10/1/06	5000	0	0
PXTCO	AP-107	10/1/06	10/1/06	5.00E+03	0	0
SPN87	SY-102	10/1/06	10/1/06	6300	0	0
TAL88	AP-107	10/1/06	10/1/06	25000	0	0
WESF	AP-107	10/1/06	10/1/06	5000	0	0
WATER	AP-107	10/2/06	10/2/06	5500	0	0
AZ-101	OUT-TANK-WASH	10/31/06	10/31/06	156700	1769.477	0
AZ-101	OUT-TANK-WASH	12/18/06	12/19/06	156700	1769.477	0
SPN87	SY-102	1/1/07	1/1/07	6300	0	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
AZ-101	OUT-TANK-WASH	2/5/07	2/6/07	156700	1769.477	0
AZ-101	OUT-TANK-WASH	3/26/07	3/27/07	1.57E+05	1769.463	0
SPN87	SY-102	4/1/07	4/1/07	6.30E+03	0	0
AZ-101	OUT-TANK-WASH	5/14/07	5/15/07	156700	1769.463	0
SPN87	SY-102	7/1/07	7/1/07	6300	0	0
AZ-101	OUT-TANK-WASH	7/2/07	7/2/07	13863.18	156.511	0
AZ-102	OUT-TANK-WASH	7/9/07	7/10/07	155700	2797.644	0
AZ-102	OUT-TANK-WASH	8/27/07	8/28/07	155700	2797.644	0
34L87	AP-107	10/1/07	10/1/07	5000	0	0
PXTCO	AP-107	10/1/07	10/1/07	5000	0	0
SPN87	SY-102	10/1/07	10/1/07	2301.542	0	0
SPN87	SY-102	10/1/07	10/1/07	48000	0	0.00E+00
SY-102	AP-107	10/1/07	10/1/07	4.80E+04	0	0
WESF	AP-107	10/1/07	10/1/07	5000	0	0
AP-107	AW-102	10/1/07	10/2/07	204800	0	0
WATER	AP-107	10/2/07	10/2/07	5.50E+03	0	0
SY-102	AP-107	10/2/07	10/3/07	1.74E+05	0	0
242-A	AW-106	10/2/07	10/7/07	5.26E+05	0	0
SPN87	SY-102	10/3/07	10/3/07	47151.231	0	0
TAL88	AP-107	10/3/07	10/3/07	16800	0	0
AW-106	AW-102	10/7/07	10/11/07	682000	0	0
AP-107	AW-102	10/11/07	10/13/07	378500	0	0.00E+00
242-A	AW-106	10/13/07	10/18/07	475600	0	0
AZ-102	OUT-TANK-WASH	10/14/07	10/15/07	155700	2797.644	0
AW-106	AW-102	10/18/07	10/21/07	6.82E+05	0	0
AZ-102	OUT-TANK-WASH	12/2/07	12/3/07	155700	2797.644	0
AP-107	AW-102	1/1/08	1/2/08	378400	0	0
C-104	AY-101	1/1/08	6/6/08	718800	48092.557	1.776E-14
242-A	AW-106	1/2/08	1/8/08	425000	0	0
SY-102	AP-107	1/3/08	1/5/08	655500	0	0
AZ-102	OUT-TANK-WASH	1/19/08	1/20/08	1.56E+05	2797.644	0
AZ-102	OUT-TANK-WASH	3/9/08	3/9/08	58742.443	1055.462	0
AN-102	SPARE-101	4/26/08	4/26/08	508200	1192.848	286500
AP-107	AW-102	9/1/08	9/6/08	1061000	0	0
242-A	AW-106	9/6/08	9/8/08	2.06E+05	0	0
AW-106	AW-102	9/8/08	9/9/08	319200	0	0
242-A	AW-106	9/9/08	9/12/08	246000	0	0
AW-106	AW-102	9/12/08	9/14/08	487200	0	0
242-A	AW-106	9/14/08	9/18/08	273200	0	0
AW-106	AP-108	9/18/08	9/22/08	882900	0	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
34L87	AP-107	10/1/08	10/1/08	5000	0	0
34L87	AP-107	10/1/08	10/1/08	7000	0	0
PXTCO	AP-107	10/1/08	10/1/08	5000	0	0
TAL88	AP-107	10/1/08	10/1/08	25000	0	0
WESF	AP-107	10/1/08	10/1/08	5.00E+03	0	0
WATER	AP-107	10/2/08	10/2/08	5.50E+03	0	0
AY-102	OUT-TANK-WASH	1/1/09	1/1/09	76666.841	5000	0
U-203	UA-1	1/1/09	1/7/09	11628.871	393.864	0
U-201	UA-2	1/1/09	1/8/09	22997.493	780.228	0.00E+00
AY-102	OUT-TANK-WASH	9/2/09	9/2/09	76666.841	5000	0
34L87	AP-107	10/1/09	10/1/09	5000	0	0
PXTCO	AP-107	10/1/09	10/1/09	5000	0	0
TAL88	AP-107	10/1/09	10/1/09	2.60E+04	0	0
WESF	AP-107	10/1/09	10/1/09	5.00E+03	0	0
WATER	AP-107	10/2/09	10/2/09	5720	0	0
AY-102	OUT-TANK-WASH	11/28/09	11/28/09	76666.841	5000	0
AY-102	OUT-TANK-WASH	2/23/10	2/23/10	7.67E+04	5000	0
AN-102	AP-107	3/30/10	3/30/10	140400	53.825	0
AN-102	SPARE-101	3/30/10	3/30/10	508500	1192.848	286300
WASH-WATER	AN-102	3/30/10	3/30/10	0	0	140000
AN-105	AN-102	3/30/10	4/2/10	453600	1082.467	2.25E+05
WATER	AN-105	4/4/10	4/5/10	0.00E+00	0	271900
AY-102	OUT-TANK-WASH	5/21/10	5/22/10	76666.979	5000	0
AY-102	OUT-TANK-WASH	8/16/10	8/17/10	7.67E+04	5000	0
34L87	AP-107	10/1/10	10/1/10	5.00E+03	0	0
AN-104	SPARE-101	10/1/10	10/1/10	731600	6269.208	0
PXTCO	AP-107	10/1/10	10/1/10	5000	0	0
TAL88	AP-107	10/1/10	10/1/10	26000	0	0
WESF	AP-107	10/1/10	10/1/10	5000	0	0
WASH-WATER	SY-102	10/1/10	10/1/10	0	0	40000
SY-102	AN-104	10/1/10	10/2/10	3.72E+05	5287.445	1.421E-13
WATER	AP-107	10/2/10	10/2/10	5720	0	0
AN-104	AZ-101	10/2/10	10/5/10	465200	15156.472	0
AY-102	OUT-TANK-WASH	11/12/10	11/12/10	5.49E+04	3580.849	0
AY-101	OUT-TANK-WASH	1/19/11	1/20/11	7.25E+04	5000	0
AN-101	SPARE-101	2/24/11	2/24/11	6.78E+05	2208.151	0
AY-101	OUT-TANK-WASH	4/20/11	4/20/11	72497.616	5000	0
SY-101	SY-102	7/5/11	7/9/11	602500	1532.803	295900
AN-107	SPARE-101	7/9/11	7/9/11	8.72E+05	2060.625	25983.554
SY-102	AN-101	7/9/11	7/12/11	885100	0	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
SX-105	SY-101	7/9/11	12/23/11	431500	4385.511	0
UA-1	SY-102	7/12/11	7/12/11	12032.016	390.719	0
UA-2	SY-102	7/12/11	7/12/11	23400.707	777.014	0
SY-101	AN-104	7/12/11	7/13/11	282700	775.136	0
U-202	UA-1	7/12/11	7/19/11	22997.324	780.034	0
U-204	UA-2	7/13/11	7/19/11	15705.555	575.973	0
AY-101	OUT-TANK-WASH	7/19/11	7/19/11	72497.616	5000	0
UA-1	SY-102	7/19/11	7/19/11	23497.392	779.967	0
UA-2	SY-102	7/19/11	7/19/11	1.62E+04	575.756	0
U-109	UA-2	7/19/11	8/16/11	1.47E+05	2730.565	0
SX-103	SY-101	7/19/11	12/23/11	455300	2917.979	0
U-109	UA-1	8/16/11	9/14/11	1.47E+05	2730.565	0.00E+00
UA-2	SY-102	8/17/11	8/18/11	147200	2732.173	0
UA-1	SY-102	9/14/11	9/15/11	147200	2731.955	0.00E+00
U-109	UA-2	9/14/11	10/12/11	147200	2730.565	0
34L87	AP-107	10/1/11	10/1/11	7000	0	0
34L87	AP-107	10/1/11	10/1/11	5000	0	0
PXTCO	AP-107	10/1/11	10/1/11	5.00E+03	0	0.00E+00
TAL88	AP-107	10/1/11	10/1/11	26000	0	0
WESF	AP-107	10/1/11	10/1/11	5000	0	0
TX-112	TA-1	10/1/11	10/25/11	148400	1646.655	0
T-105	TA-2	10/1/11	11/16/11	145200	4777.529	0
WATER	AP-107	10/2/11	10/2/11	5720	0	0
UA-2	SY-102	10/12/11	10/13/11	1.47E+05	2730.566	0
U-109	UA-1	10/12/11	11/9/11	147200	2730.565	0
AY-101	OUT-TANK-WASH	10/17/11	10/17/11	72497.616	5000	0
TX-112	TA-3	10/25/11	11/19/11	148400	1646.655	0
TA-1	SY-102	10/26/11	10/27/11	148300	1645.558	0
U-109	UA-2	11/9/11	12/7/11	147200	2730.565	0.00E+00
UA-1	SY-102	11/10/11	11/10/11	1.47E+05	2730.566	0
T-105	TA-1	11/16/11	1/1/12	141500	4655.867	0
TA-2	SY-102	11/17/11	11/17/11	145100	4774.344	0
TX-112	TA-2	11/19/11	12/14/11	148300	1645.558	0
TA-3	SY-102	11/20/11	11/20/11	3723.287	41.327	0
U-109	UA-1	12/7/11	1/4/12	147200	2730.565	0
TX-112	TA-4	12/14/11	1/8/12	1.48E+05	1646.655	0
T-102	TA-5	1/1/12	1/29/12	1.45E+05	5380.482	0
TX-112	TA-6	1/8/12	2/2/12	148400	1646.655	0
AY-101	OUT-TANK-WASH	1/15/12	1/15/12	72497.616	5000	0
AP-107	AW-102	4/1/12	4/5/12	756000	0	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
AN-102	SPARE-101	4/3/12	4/3/12	703900	3854.975	0
AN-103	AN-102	4/3/12	4/8/12	469800	1381.657	420200
242-A	AW-106	4/5/12	4/10/12	742600	0	0
WATER	AN-103	4/10/12	4/12/12	0	0	433100
AW-106	AW-102	4/10/12	4/13/12	681500	0	0
AY-101	OUT-TANK-WASH	4/14/12	4/14/12	72497.657	5000	0
C-107	AY-102	5/1/12	9/12/12	467100	27405.681	0
AY-101	OUT-TANK-WASH	7/13/12	7/13/12	72497.657	5000	0
AN-105	SPARE-101	8/23/12	8/23/12	679800	5767.175	0
AW-101	AN-105	8/23/12	8/26/12	451300	871.887	247800
WATER	AW-101	8/28/12	8/29/12	0	0	368400
34L87	AP-107	10/1/12	10/1/12	5000	0	0
PXTCO	AP-107	10/1/12	10/1/12	5000	0	0
TAL88	AP-107	10/1/12	10/1/12	26000	0	0
WESF	AP-107	10/1/12	10/1/12	5.00E+03	0	0
WATER	AP-107	10/2/12	10/2/12	5720	0	0
AY-101	OUT-TANK-WASH	10/11/12	10/12/12	72497.657	5000	0
AP-104	AP-107	1/8/13	1/8/13	140500	0.911	0
AP-104	SPARE-101	1/8/13	1/8/13	747000	29.6	0
WASH-WATER	AP-104	1/8/13	1/8/13	0	0	140000
AW-104	AP-104	1/8/13	1/11/13	557900	1294.539	97115.926
AY-101	OUT-TANK-WASH	1/9/13	1/10/13	7.25E+04	5000	0
AY-101	OUT-TANK-WASH	4/10/13	4/10/13	72497.697	5000	0
AN-101	SPARE-101	4/17/13	4/17/13	885500	86.559	0
SY-103	AN-101	5/1/13	5/3/13	312100	782.773	112100
AY-101	OUT-TANK-WASH	7/9/13	7/9/13	72497.697	5000	0.00E+00
34L87	AP-107	10/1/13	10/1/13	5000	0	0
PXTCO	AP-107	10/1/13	10/1/13	5000	0	0
TAL88	AP-107	10/1/13	10/1/13	27000	0	0
WESF	AP-107	10/1/13	10/1/13	5.00E+03	0	0.00E+00
WATER	AP-107	10/2/13	10/2/13	5940	0	0
AY-101	OUT-TANK-WASH	10/7/13	10/7/13	36039.126	2485.536	0
AN-102	SPARE-101	10/11/13	10/11/13	890400	1485.645	0
AP-106	AN-102	10/11/13	10/14/13	558800	0	24346.149
WATER	AP-106	10/14/13	10/14/13	0.00E+00	0	25494.513
AZ-101	OUT-TANK-WASH	12/11/13	12/12/13	153700	4826.182	0
AW-103	AY-102	12/11/13	12/13/13	337700	14041.322	0
S-102	SY-103	12/11/13	3/26/14	321800	3596.542	0
S-103	SY-103	12/11/13	3/26/14	3.88E+05	1471.674	0
SY-103	AN-104	3/26/14	3/29/14	796300	36755.971	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
S-102	SY-103	3/29/14	6/8/14	217500	2431.264	0
S-103	SY-103	3/29/14	6/8/14	261700	992.474	0
AN-104	AP-102	3/30/14	3/30/14	49288.165	1711.835	0
AN-104	AN-106	3/30/14	4/4/14	1030000	35764.347	0
AN-103	SPARE-101	4/9/14	4/9/14	8.91E+05	2386.468	0
SY-103	AN-104	6/8/14	6/10/14	749600	16551.798	0
AN-104	AN-106	6/10/14	6/11/14	32763.465	737.154	0
S-102	SY-103	6/10/14	10/25/14	4.21E+05	4710.214	0
AN-104	AP-101	6/11/14	6/14/14	717500	16132.551	0
S-105	SY-103	6/11/14	10/25/14	688700	1717.603	0
AP-107	AW-102	7/1/14	7/3/14	379000	0	0
242-A	AW-106	7/3/14	7/8/14	666800	0	0
AW-106	AW-102	7/8/14	7/11/14	681700	0	0
AZ-101	OUT-TANK-WASH	7/21/14	7/22/14	153700	4826.182	0
34L87	AP-107	10/1/14	10/1/14	5.00E+03	0	0
34L87	AP-107	10/1/14	10/1/14	7000	0	0
PXTCO	AP-107	10/1/14	10/1/14	5000	0	0
TAL88	AP-107	10/1/14	10/1/14	27000	0	0
WESF	AP-107	10/1/14	10/1/14	5.00E+03	0	0
WATER	AP-107	10/2/14	10/2/14	5940	0	0
AN-105	SPARE-101	10/7/14	10/7/14	744700	6222.04	0
SY-103	AN-104	10/26/14	10/30/14	1110000	6853.135	0
AN-104	AP-101	10/30/14	11/1/14	380400	2495.905	0
S-102	SY-103	10/30/14	11/12/14	41943.039	468.828	0
S-105	SY-103	10/30/14	11/12/14	68929.302	171.913	0
AN-104	AN-103	11/1/14	11/5/14	7.29E+05	4782.789	0
SY-103	AN-104	11/12/14	11/13/14	110900	649.392	0
S-105	SY-103	11/13/14	3/10/15	5.94E+05	1481.181	0
S-106	SY-103	11/13/14	3/10/15	518700	2395.836	0
AZ-101	OUT-TANK-WASH	2/28/15	3/1/15	153700	4826.18	0
AW-101	SPARE-101	3/7/15	3/7/15	1.01E+06	1263.788	0
SY-103	AN-104	3/11/15	3/14/15	1.00E+06	3546.586	0
S-105	SY-103	3/14/15	3/28/15	6.57E+04	163.761	0
S-106	SY-103	3/14/15	3/28/15	57235.449	264.347	0
AN-104	AN-103	3/15/15	3/17/15	380900	1462.306	0
AN-104	AN-105	3/17/15	3/21/15	7.32E+05	2807.726	0
SY-103	AN-104	3/28/15	3/28/15	234000	822.38	0
S-106	SY-103	3/28/15	8/5/15	572000	2641.984	0
S-108	SY-103	3/28/15	8/5/15	5.40E+05	2057.675	0
SY-103	AN-104	8/6/15	8/9/15	8.78E+05	3696.172	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
S-106	SY-103	8/9/15	9/7/15	128700	594.339	0
S-108	SY-103	8/9/15	9/7/15	121200	461.954	0
AN-104	AN-105	8/10/15	8/11/15	198200	804.492	0
AN-104	AW-101	8/11/15	8/15/15	914200	3708.076	0
SY-103	AN-104	9/7/15	9/9/15	483700	2040.561	0
AN-104	AW-101	9/9/15	9/10/15	197700	831.54	0
S-108	SY-103	9/9/15	1/11/16	516200	1967.924	0
S-109	SY-103	9/9/15	1/11/16	596500	1783.878	0
AP-104	SPARE-101	9/28/15	9/28/15	655500	1242.685	0
AP-105	AP-104	9/28/15	10/2/15	5.61E+05	570.832	142500
34L87	AP-107	10/1/15	10/1/15	5.00E+03	0	0
PXTCO	AP-107	10/1/15	10/1/15	5000	0	0
TAL88	AP-107	10/1/15	10/1/15	27000	0	0.00E+00
WESF	AP-107	10/1/15	10/1/15	5000	0	0
AP-107	AW-102	10/1/15	10/3/15	3.79E+05	0	0
WATER	AP-107	10/2/15	10/2/15	5.94E+03	0	0
WATER	AP-105	10/2/15	10/2/15	0	0	148100
242-A	AW-106	10/3/15	10/8/15	606000	0	0
AZ-101	OUT-TANK-WASH	10/8/15	10/8/15	4.70E+03	147.556	0
AW-106	AW-102	10/8/15	10/12/15	6.82E+05	0	0
AW-103	AW-104	10/16/15	10/17/15	2.41E+05	10029.511	0
AY-102	OUT-TANK-WASH	10/16/15	10/17/15	96285.062	5000	0
AN-104	AW-103	10/17/15	10/19/15	287000	1205.117	0
SY-101	AN-104	1/1/16	1/4/16	1.08E+06	33143.5	0
SX-103	SY-101	1/4/16	7/24/16	5.85E+05	3747.535	0
SX-105	SY-101	1/4/16	7/24/16	522700	5313.046	0
AN-104	AW-103	1/5/16	1/7/16	3.06E+05	9149.072	0
AY-102	OUT-TANK-WASH	1/30/16	1/31/16	9.63E+04	5000	0
AN-101	SPARE-101	2/3/16	2/4/16	424700	737.776	0
AN-104	AN-101	2/4/16	2/8/16	779000	23310.367	0
SY-102	AN-104	2/8/16	2/11/16	1.00E+06	21238.72	0
TA-3	SY-102	2/11/16	2/12/16	144500	1604.231	0
AN-104	AN-101	2/11/16	2/13/16	3.08E+05	6576.585	0
UA-2	SY-102	2/12/16	2/13/16	1.47E+05	2730.565	0
TX-112	TA-3	2/12/16	3/8/16	1.48E+05	1645.558	0
TA-2	SY-102	2/13/16	2/13/16	148300	1647.643	0
TA-1	SY-102	2/13/16	2/14/16	145200	4653.857	0
AN-104	AN-107	2/13/16	2/16/16	696800	14885.913	0
U-109	UA-2	2/13/16	3/12/16	1.47E+05	2730.565	0
T-102	TA-2	2/13/16	3/13/16	144500	5376.895	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
UA-1	SY-102	2/14/16	2/15/16	147200	2730.565	0
TA-4	SY-102	2/15/16	2/16/16	148300	1645.557	0
TA-5	SY-102	2/16/16	2/16/16	101900	3790.637	0
SY-103	AN-104	2/16/16	2/20/16	1113000	3774.359	0
S-108	SY-103	2/20/16	4/28/16	281000	1071.353	0
S-109	SY-103	2/20/16	4/28/16	3.25E+05	970.988	0
AN-104	AN-107	2/21/16	2/22/16	206100	786.669	0
AN-104	AY-101	2/22/16	2/26/16	906600	3458.401	0
SY-102	AN-104	2/26/16	3/1/16	9.83E+05	18855.104	0
AN-104	AY-101	3/1/16	3/1/16	55955.344	1050.02	0
TA-5	SY-102	3/1/16	3/1/16	42636.316	1586.258	0
TA-6	SY-102	3/1/16	3/2/16	148300	1645.557	0
AN-104	AZ-101	3/1/16	3/6/16	9.28E+05	17403.304	0
TA-3	SY-102	3/8/16	3/9/16	148300	1645.556	0
TX-112	TA-1	3/8/16	4/2/16	148300	1645.558	0
UA-2	SY-102	3/12/16	3/13/16	1.47E+05	2730.564	0
U-109	UA-1	3/12/16	4/9/16	147200	2730.565	0
T-102	TA-3	3/13/16	3/14/16	5785.742	215.255	0
TA-2	SY-102	3/13/16	3/14/16	1.45E+05	5374.408	0
TA-3	SY-102	3/14/16	3/14/16	11786.432	214.565	0.00E+00
BY-102	BA-1	3/14/16	4/10/16	147400	2562.454	0
TA-1	SY-102	4/2/16	4/3/16	1.48E+05	1647.562	0
TX-112	TA-2	4/2/16	4/26/16	148300	1645.558	0
U-109	UA-2	4/9/16	5/7/16	147200	2730.565	0
UA-1	SY-102	4/10/16	4/10/16	147200	2730.564	0
BY-102	BA-2	4/10/16	5/7/16	1.47E+05	2562.454	0
BA-1	AZ-101	4/11/16	4/11/16	15951.815	277.241	0
BA-1	AZ-102	4/11/16	4/11/16	138900	2283.595	0
TX-112	TA-1	4/26/16	5/21/16	148300	1645.558	0
TA-2	SY-102	4/27/16	4/27/16	43816.158	487.082	0
SY-102	AN-104	4/28/16	5/1/16	9.83E+05	18083.314	0
AN-102	SPARE-101	4/30/16	4/30/16	583600	43.747	0
TA-2	SY-102	5/1/16	5/2/16	104400	1160.96	0
AN-104	AZ-102	5/1/16	5/5/16	771900	14197.869	0
AN-104	AN-102	5/5/16	5/6/16	2.12E+05	3896.089	0
SY-103	AN-104	5/6/16	5/8/16	605700	2042.872	0
U-109	UA-1	5/7/16	5/10/16	16088.361	298.502	0
BY-102	BA-1	5/7/16	6/3/16	147300	2560.746	0
BA-2	AN-102	5/8/16	5/8/16	147300	2560.746	0.00E+00
UA-2	SY-102	5/8/16	5/8/16	147200	2730.564	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
AN-104	AN-102	5/8/16	5/12/16	605800	2428.707	0
S-109	SY-103	5/8/16	8/28/16	5.36E+05	1602.339	0
S-112	SY-103	5/9/16	8/28/16	576300	2823.329	0
UA-1	SY-102	5/10/16	5/10/16	16588.307	298.555	0
BX-106	BA-2	5/10/16	7/13/16	1.45E+05	5098.936	0
AY-102	OUT-TANK-WASH	5/15/16	5/16/16	96285.1	5000	0
TX-112	TA-2	5/21/16	6/15/16	148300	1645.558	0
TA-1	SY-102	5/22/16	5/23/16	1.48E+05	1645.558	0
BY-102	BA-3	6/3/16	6/30/16	1.47E+05	2562.454	0
BA-1	AN-102	6/4/16	6/5/16	139700	2428.332	0
TX-112	TA-1	6/15/16	7/10/16	148300	1645.558	0
TA-2	SY-102	6/16/16	6/16/16	148300	1645.558	0
BY-102	BA-4	6/30/16	7/27/16	147400	2562.454	0
TX-112	TA-2	7/10/16	8/4/16	148300	1645.558	0.00E+00
TA-1	SY-102	7/11/16	7/11/16	148300	1645.556	0
BX-106	BA-5	7/13/16	7/17/16	10023.246	352.952	0
BX-104	BA-6	7/17/16	8/5/16	144700	5330.079	0
SY-101	AN-104	7/25/16	7/29/16	1107000	9639.497	0
SX-103	SY-101	7/29/16	9/2/16	101200	648.508	0
SX-105	SY-101	7/29/16	9/2/16	90393.717	918.765	0.00E+00
TA-2	SY-102	8/4/16	8/5/16	148300	1645.556	0
TX-112	TA-1	8/4/16	8/29/16	148300	1645.558	0
AP-106	SPARE-101	8/26/16	8/26/16	5.84E+05	0	0
BA-1	AP-106	8/26/16	8/26/16	15113.01	133.158	0.00E+00
BA-3	AP-106	8/26/16	8/27/16	147300	2560.746	0
BX-104	BA-1	8/26/16	9/14/16	144600	5326.525	0
BA-2	AP-106	8/27/16	8/28/16	144800	5097.244	0
BY-102	BA-3	8/27/16	9/23/16	147300	2560.746	0
BA-5	AP-106	8/28/16	8/28/16	17425.221	350.978	0
BA-4	AP-106	8/28/16	8/29/16	1.47E+05	2560.746	0
TA-1	SY-102	8/29/16	8/30/16	1.27E+05	1404.521	0
AN-104	AP-106	8/29/16	9/1/16	628400	5401.109	0
TX-112	TA-2	8/29/16	9/22/16	148300	1645.558	0
AY-102	OUT-TANK-WASH	8/30/16	8/30/16	96285.1	5000	0
BX-103	BA-2	9/2/16	11/2/16	144400	5501.332	0
BX-104	BA-4	9/14/16	10/3/16	1.45E+05	5326.525	0
TX-112	TA-3	9/22/16	10/17/16	148300	1645.558	0
BY-102	BA-5	9/23/16	10/20/16	147300	2560.746	0
34L87	AP-107	10/1/16	10/1/16	5000	0	0.00E+00
PXTCO	AP-107	10/1/16	10/1/16	5000	0	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
TAL88	AP-107	10/1/16	10/1/16	2.80E+04	0	0
WESF	AP-107	10/1/16	10/1/16	5000	0	0
WATER	AP-107	10/2/16	10/2/16	6160	0	0
TX-112	TA-4	10/17/16	10/18/16	1094.147	12.145	0
TX-101	TA-5	10/18/16	11/24/16	145300	4571.535	0
TX-101	TA-6	11/24/16	12/31/16	1.45E+05	4571.535	0
AY-102	OUT-TANK-WASH	12/14/16	12/14/16	96285.1	5000	0.00E+00
AP-101	SPARE-101	12/22/16	12/23/16	990900	7570.302	0
AN-104	AP-101	12/23/16	12/25/16	479100	4114.032	0.00E+00
BA-6	AP-101	12/25/16	12/26/16	1.45E+05	5326.525	0
SY-103	AN-104	12/25/16	12/29/16	1112000	4409.494	0
BA-1	AP-101	12/26/16	12/26/16	144600	5323.847	0
BA-3	AP-101	12/26/16	12/27/16	147300	2560.746	0
BY-102	BA-1	12/26/16	1/2/17	36704.979	637.93	0
BX-103	BA-6	12/26/16	1/8/17	3.15E+04	1201.702	0
BA-4	AP-101	12/27/16	12/28/16	63219.049	2328.345	0.00E+00
BX-104	BA-3	12/27/16	1/15/17	1.45E+05	5326.525	0
S-109	SY-103	12/29/16	1/28/17	145500	435.255	0
S-112	SY-103	12/29/16	1/28/17	156700	767.507	0
AY-102	OUT-TANK-WASH	3/30/17	3/31/17	96285.1	5000	0
AN-105	SPARE-101	5/23/17	5/23/17	952000	7323.926	0
BA-4	AN-105	5/23/17	5/23/17	8.89E+04	2996.625	0
BA-5	AN-105	5/23/17	5/24/17	147300	2561.012	0
BX-104	BA-4	5/23/17	6/8/17	117500	4327.802	0.00E+00
BA-2	AN-105	5/24/17	5/25/17	144400	5501.063	0
BY-112	BA-5	5/24/17	6/15/17	147600	2345.285	0
AN-104	AN-105	5/25/17	5/28/17	5.65E+05	2304.277	0
B-108	BA-2	5/25/17	7/14/17	1.45E+05	4978.412	0
AY-102	OUT-TANK-WASH	7/14/17	7/15/17	96285.139	5000	0.00E+00
34L87	AP-107	10/1/17	10/1/17	6800	0	0
PXTCO	AP-107	10/1/17	10/1/17	5.00E+03	0	0
TAL88	AP-107	10/1/17	10/1/17	2.80E+04	0	0
WESF	AP-107	10/1/17	10/1/17	5000	0	0
AP-107	AW-102	10/1/17	10/3/17	378700	0	0
WATER	AP-107	10/2/17	10/2/17	6.16E+03	0	0
242-A	AW-106	10/3/17	10/8/17	565700	0	0
34L87	AP-107	10/4/17	10/4/17	5.00E+03	0	0
AW-106	AW-102	10/8/17	10/12/17	681900	0	0
AP-107	AW-102	10/12/17	10/14/17	378600	0	0
242-A	AW-106	10/14/17	10/19/17	525000	0	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
AP-104	SPARE-101	10/17/17	10/17/17	703400	599.449	0
AN-104	AP-104	10/17/17	10/19/17	547100	2227.816	0
BA-1	AP-104	10/19/17	10/20/17	44202.855	640.054	0
AW-106	AW-102	10/19/17	10/23/17	682000	0	0
SY-102	AN-104	10/19/17	10/23/17	9.96E+05	12336.976	0
BA-6	AP-104	10/20/17	10/20/17	3.90E+04	1202.267	0
BA-3	AP-104	10/20/17	10/21/17	144600	5324.681	0
BY-112	BA-6	10/20/17	11/11/17	1.48E+05	2345.285	0
B-108	BA-1	10/20/17	11/28/17	1.14E+05	3928.088	0
BA-4	AP-104	10/21/17	10/21/17	125000	4327.717	0
BA-5	AP-104	10/21/17	10/22/17	147600	2345.429	0
BA-2	AP-104	10/22/17	10/22/17	51239.478	1760.329	0
TA-1	SY-102	10/23/17	10/23/17	21715.759	241.035	0
TA-2	SY-102	10/23/17	10/24/17	148300	1645.556	0
TX-101	TA-1	10/23/17	11/23/17	118300	3722.161	0
TA-4	SY-102	10/24/17	10/24/17	7093.233	13.059	0
TA-3	SY-102	10/24/17	10/25/17	148300	1646.246	0
TY-102	TA-2	10/24/17	12/23/17	1.50E+05	349.543	0
TA-5	SY-102	10/25/17	10/26/17	1.45E+05	4572.071	0
TA-6	SY-102	10/26/17	10/26/17	1.45E+05	4569.584	0
AY-102	OUT-TANK-WASH	10/28/17	10/29/17	9.63E+04	5000	0
BY-112	BA-3	11/11/17	12/3/17	1.48E+05	2345.285	0
TA-1	SY-102	11/23/17	11/23/17	1.24E+05	3720.353	0
TX-106	TA-3	11/23/17	12/27/17	149100	815.068	0
U-108	UA-1	11/28/17	12/24/17	1.47E+05	2658.71	0
BY-112	BA-4	12/3/17	12/25/17	147600	2345.285	0
TA-2	SY-102	12/23/17	12/24/17	1.50E+05	350.407	0
TY-102	TA-1	12/23/17	1/31/18	9.77E+04	228.462	0
U-108	UA-2	12/24/17	1/19/18	147200	2658.71	0
UA-1	SY-102	12/25/17	12/25/17	93020.901	1679.659	0
BY-112	BA-5	12/25/17	1/17/18	147600	2345.285	0
TX-106	TA-2	12/27/17	1/29/18	149100	815.068	0.00E+00
TX-106	TA-4	1/29/18	3/4/18	149100	815.068	0
AY-102	OUT-TANK-WASH	2/11/18	2/12/18	3.41E+04	1773.036	0
AW-104	OUT-TANK-WASH	3/4/18	3/4/18	155900	2595.59	0
TX-106	TA-5	3/4/18	4/7/18	149100	815.068	0
AP-105	SPARE-101	3/5/18	3/5/18	703500	570.846	0
BA-2	AP-105	3/5/18	3/5/18	101200	3218.67	0
AN-104	AP-105	3/5/18	3/11/18	996600	12118.141	0
BY-112	BA-2	3/5/18	3/28/18	1.48E+05	2345.285	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
BA-6	AP-105	3/11/18	3/11/18	3.30E+03	52.555	0
SY-101	AN-104	3/11/18	3/11/18	191600	1579.77	0
SY-103	AN-104	3/11/18	3/12/18	3.02E+05	1202.388	0
SX-102	SY-101	3/11/18	3/17/18	20936.955	184.72	0
SX-105	SY-101	3/11/18	3/17/18	14139.635	143.716	0
S-111	SY-103	3/12/18	7/7/18	492100	16905.725	0
S-112	SY-103	3/12/18	7/7/18	604600	2962.085	0
BA-6	AW-105	3/16/18	3/17/18	147600	2294.187	0
BA-1	AW-105	3/17/18	3/18/18	121800	3926.394	0
A-101	AY-102	3/17/18	10/13/18	6.05E+05	8410.028	0
BA-3	AW-105	3/18/18	3/18/18	1.48E+05	2347.272	0
BA-4	AW-105	3/18/18	3/19/18	147600	2347.067	0
BA-5	AW-105	3/19/18	3/20/18	147600	2345.285	0
AN-104	AW-105	3/20/18	3/22/18	388800	2320.822	0
BY-112	BA-1	3/28/18	4/19/18	147600	2345.285	0
AW-104	OUT-TANK-WASH	3/31/18	4/1/18	1.56E+05	2595.59	0
TX-106	TA-6	4/7/18	5/11/18	149100	815.068	0.00E+00
BY-112	BA-3	4/19/18	5/11/18	147600	2345.285	0
AW-104	OUT-TANK-WASH	4/27/18	4/28/18	1.56E+05	2595.59	0
BY-112	BA-4	5/11/18	6/2/18	1.48E+05	2345.285	0
AW-104	OUT-TANK-WASH	5/25/18	5/26/18	1.56E+05	2595.59	0
AP-108	SPARE-101	5/26/18	5/26/18	1.06E+06	0	0
AN-104	AP-108	5/26/18	5/27/18	1.06E+05	629.121	0
BA-2	AP-108	5/27/18	5/28/18	147600	2346.803	0.00E+00
SY-102	AN-104	5/27/18	5/30/18	985800	18273.971	0
BA-1	AP-108	5/28/18	5/28/18	1.48E+05	2346.841	0
BA-3	AP-108	5/28/18	5/29/18	147600	2345.286	0
UA-1	SY-102	5/30/18	5/31/18	54220.394	979.046	0
AN-104	AP-108	5/30/18	6/2/18	5.50E+05	10010.247	0
TA-3	SY-102	5/31/18	6/1/18	149100	815.622	0.00E+00
U-108	UA-1	5/31/18	6/26/18	1.47E+05	2658.71	0
UA-2	SY-102	6/1/18	6/1/18	147200	2658.758	0
TA-2	SY-102	6/1/18	6/2/18	149100	814.758	0
TX-106	TA-3	6/1/18	7/4/18	1.49E+05	815.068	0
TA-1	SY-102	6/2/18	6/3/18	103700	231.145	0
BY-112	BA-1	6/2/18	6/6/18	2.32E+04	369.247	0
TA-4	SY-102	6/3/18	6/3/18	149100	814.708	0
TA-5	SY-102	6/3/18	6/4/18	1.49E+05	817.573	0
TA-6	SY-102	6/4/18	6/5/18	92133.347	505.261	0
AX-103	AY-102	6/6/18	10/13/18	3.08E+05	2876.271	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
AN-104	AP-102	6/16/18	6/18/18	436800	7935.566	0
BA-4	AP-102	6/18/18	6/19/18	147600	2345.286	0.00E+00
SY-101	AN-104	6/18/18	6/19/18	35093.574	311.452	0
BA-1	AP-102	6/19/18	6/19/18	3.07E+04	369.624	0
SY-102	AN-104	6/19/18	6/22/18	9.93E+05	7919.851	0
SX-102	SY-101	6/19/18	3/4/19	985200	8692.42	0
AW-104	OUT-TANK-WASH	6/21/18	6/22/18	155900	2595.59	0
TA-6	SY-102	6/22/18	6/23/18	5.69E+04	312.31	0
AN-104	AP-102	6/22/18	6/25/18	4.87E+05	4020.504	0
UA-1	SY-102	6/26/18	6/27/18	147200	2658.71	0
U-108	UA-2	6/26/18	7/22/18	147200	2658.71	0
TX-106	TA-1	7/4/18	8/7/18	149100	815.068	0
TA-3	SY-102	7/5/18	7/6/18	149100	815.068	0
AW-104	OUT-TANK-WASH	7/19/18	7/19/18	15774.111	262.613	0
UA-2	SY-102	7/22/18	7/23/18	1.47E+05	2658.71	0
AN-104	AW-104	7/22/18	7/25/18	5.42E+05	4476.441	0
U-108	UA-1	7/22/18	8/17/18	1.47E+05	2658.71	0
SY-103	AN-104	7/25/18	7/29/18	1.10E+06	19496.582	0
S-111	SY-103	7/29/18	9/21/18	227100	7802.642	0
S-112	SY-103	7/29/18	9/21/18	278900	1366.251	0
AN-104	AW-104	7/30/18	8/1/18	559800	9819.016	0
TX-106	TA-2	8/7/18	9/10/18	149100	815.068	0.00E+00
TA-1	SY-102	8/8/18	8/9/18	149100	814.747	0
UA-1	SY-102	8/17/18	8/18/18	147200	2658.71	0
U-108	UA-2	8/17/18	9/12/18	147200	2658.71	0.00E+00
TX-106	TA-1	9/10/18	9/19/18	38010.809	207.81	0
TA-2	SY-102	9/11/18	9/12/18	1.49E+05	815.068	0
UA-2	SY-102	9/12/18	9/13/18	42498.024	767.379	0
U-108	UA-1	9/12/18	10/8/18	1.47E+05	2658.71	0
BY-111	BA-1	9/19/18	10/13/18	1.48E+05	1849.264	0
TX-111	TA-2	9/21/18	10/21/18	1.48E+05	1798.342	0
BY-111	BA-2	10/13/18	11/7/18	1.48E+05	1849.264	0
BA-1	AP-107	10/15/18	10/16/18	148100	1849.219	0
AN-104	AW-102	10/15/18	10/17/18	372000	6519.964	0
AY-102	AW-106	10/15/18	10/20/18	876700	11800.84	0
AN-104	AN-106	10/17/18	10/18/18	166500	2910.217	0
SY-102	AN-104	10/18/18	10/21/18	989900	11404.987	0
AY-102	AN-106	10/20/18	10/20/18	35992.118	480.626	0
A-101	AY-102	10/20/18	10/29/18	2.75E+04	383.078	0
AX-103	AY-102	10/20/18	10/29/18	2.27E+04	212.064	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
UA-2	SY-102	10/21/18	10/22/18	1.05E+05	1891.331	0
AN-104	AN-106	10/21/18	10/26/18	9.00E+05	10508.019	0
TX-111	TA-3	10/21/18	11/21/18	148100	1798.342	0
TA-1	SY-102	10/22/18	10/22/18	44010.735	207.884	0
UA-1	SY-102	10/22/18	10/23/18	1.47E+05	2658.71	0
U-108	UA-2	10/22/18	11/17/18	1.47E+05	2658.71	0
TA-2	SY-102	10/23/18	10/24/18	148100	1797.686	0
AN-104	AP-107	10/26/18	10/26/18	90622.987	1053.435	0
SY-103	AN-104	10/27/18	10/28/18	506000	9160.096	0
AN-104	AP-107	10/28/18	10/30/18	3.64E+05	6460.31	0
S-111	SY-103	10/28/18	4/17/19	719100	24705.046	0.00E+00
AY-102	AP-103	10/29/18	10/30/18	50758.046	623.712	0.00E+00
AN-104	AP-103	10/30/18	10/31/18	143300	2537.369	0
A-101	AY-102	10/30/18	4/14/19	4.79E+05	6655.862	0
AX-101	AY-102	10/30/18	4/14/19	4.38E+05	1421.727	0
BA-2	AP-103	11/7/18	11/7/18	16462.308	205.664	0
BY-111	BA-1	11/7/18	12/1/18	148100	1849.264	0
BA-2	AN-103	11/16/18	11/17/18	139100	1643.998	0
U-108	UA-1	11/17/18	12/13/18	147200	2658.71	0
UA-2	SY-102	11/18/18	11/18/18	147200	2658.71	0
TA-3	SY-102	11/21/18	11/22/18	1.48E+05	1797.686	0
TX-111	TA-1	11/21/18	12/21/18	1.48E+05	1798.342	0
BY-111	BA-2	12/1/18	12/25/18	1.48E+05	1849.264	0
BA-1	AN-103	12/2/18	12/2/18	148100	1849.264	0
U-108	UA-2	12/13/18	1/5/19	1.28E+05	2308.642	0
UA-1	SY-102	12/14/18	12/14/18	147200	2658.71	0
TX-111	TA-2	12/21/18	1/21/19	1.48E+05	1798.342	0
TA-1	SY-102	12/22/18	12/22/18	9.97E+04	1210.715	0
SY-102	AN-104	12/23/18	12/26/18	986500	14788.508	0.00E+00
BY-111	BA-1	12/25/18	1/19/19	1.48E+05	1849.264	0
BA-2	AN-103	12/26/18	12/27/18	148100	1849.199	0
TA-1	SY-102	12/26/18	12/27/18	4.84E+04	586.898	0
AN-104	AW-101	12/26/18	12/31/18	9.87E+05	14859.038	0
UA-2	SY-102	1/5/19	1/5/19	1.28E+05	2308.648	0
SX-106	SY-101	1/5/19	3/4/19	1.21E+05	1958.78	0
BA-1	AN-103	1/19/19	1/20/19	148100	1849.264	0
BY-111	BA-2	1/19/19	2/12/19	148100	1849.264	0
TA-2	SY-102	1/21/19	1/22/19	148100	1798.341	0.00E+00
TX-111	TA-1	1/21/19	2/20/19	148100	1798.342	0
BY-111	BA-1	2/12/19	3/8/19	148100	1849.264	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
BA-2	AN-103	2/13/19	2/13/19	1.48E+05	1849.264	0
TX-111	TA-2	2/20/19	3/23/19	1.48E+05	1798.342	0
TA-1	SY-102	2/21/19	2/21/19	148100	1798.341	0
SY-101	AN-104	3/5/19	3/9/19	1106000	10631.259	0
BY-111	BA-2	3/8/19	4/2/19	148100	1849.264	0
AN-104	AW-101	3/9/19	3/10/19	1.14E+05	1106.685	0
BA-1	AN-103	3/9/19	3/10/19	1.48E+05	1849.264	0
SX-102	SY-101	3/9/19	5/27/19	299400	2641.813	0.00E+00
SX-106	SY-101	3/9/19	5/27/19	161500	2622.82	0
AN-104	AN-103	3/10/19	3/11/19	224100	2182.335	0
AN-104	AW-103	3/11/19	3/15/19	769100	7485.048	0
TA-2	SY-102	3/23/19	3/24/19	148100	1798.342	0
TX-111	TA-1	3/23/19	4/22/19	148100	1798.342	0.00E+00
BA-2	AW-103	4/2/19	4/3/19	148100	1849.264	0
BY-111	BA-1	4/2/19	4/26/19	148100	1849.264	0
AY-102	AW-103	4/15/19	4/16/19	1.88E+05	1679.251	0
SY-103	AN-104	4/17/19	4/20/19	7.20E+05	24295.74	0
U-105	UA-1	4/17/19	5/16/19	1.49E+05	1381.797	0
TA-1	SY-102	4/22/19	4/23/19	1.48E+05	1798.342	0
TX-111	TA-2	4/22/19	5/19/19	133700	1623.98	0
BY-111	BA-2	4/26/19	5/20/19	148100	1849.264	0
AY-102	AN-101	5/6/19	5/10/19	7.28E+05	6489.335	0
AN-104	AN-101	5/10/19	5/12/19	369400	12142.967	0
A-101	AY-102	5/10/19	10/7/19	4.33E+05	6015.369	0
AX-101	AY-102	5/10/19	10/7/19	395900	1285.748	0
U-105	UA-2	5/16/19	6/14/19	148500	1381.797	0
UA-1	SY-102	5/17/19	5/18/19	1.49E+05	1382.649	0
TA-2	SY-102	5/19/19	5/20/19	71379.919	829.551	0
TX-102	TA-1	5/19/19	6/22/19	1.48E+05	1583.559	0
BY-111	BA-3	5/20/19	6/14/19	148100	1849.264	0.00E+00
U-103	UA-1	5/27/19	6/25/19	149200	650.277	0
AN-104	AN-107	6/1/19	6/3/19	3.52E+05	11543.798	0
BA-1	AN-107	6/3/19	6/3/19	1.48E+05	1849.264	0
BA-2	AN-107	6/3/19	6/4/19	148100	1849.264	0.00E+00
SY-102	AN-104	6/3/19	6/6/19	988900	12367.599	0
TA-2	SY-102	6/6/19	6/7/19	6.84E+04	794.48	0
AN-104	AN-107	6/6/19	6/8/19	447700	5834.05	0.00E+00
BY-111	BA-1	6/14/19	6/28/19	9.03E+04	1128.192	0
UA-2	SY-102	6/15/19	6/15/19	148500	1382.642	0
U-105	UA-2	6/15/19	7/14/19	148500	1381.797	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
TX-102	TA-2	6/22/19	7/26/19	148300	1583.559	0
TA-1	SY-102	6/23/19	6/24/19	148300	1583.702	0
UA-1	SY-102	6/26/19	6/27/19	149200	650.765	0
U-103	UA-1	6/27/19	7/26/19	1.49E+05	650.277	0
AN-104	AY-101	7/5/19	7/8/19	5.42E+05	7054.126	0
BA-3	AY-101	7/8/19	7/9/19	1.48E+05	1849.595	0
SY-101	AN-104	7/8/19	7/10/19	4.61E+05	5218.652	0
BA-1	AY-101	7/9/19	7/9/19	97822.113	1128.285	0
AN-104	AY-101	7/10/19	7/11/19	1.68E+05	1910.378	0
SX-101	SY-101	7/10/19	12/31/19	593600	6985.641	0
SX-106	SY-101	7/10/19	12/31/19	358300	5819.173	0
UA-2	SY-102	7/15/19	7/15/19	148500	1381.798	0
U-105	UA-2	7/15/19	8/13/19	1.49E+05	1381.797	0
TX-102	TA-1	7/26/19	8/29/19	1.48E+05	1583.559	0
UA-1	SY-102	7/27/19	7/28/19	149200	650.277	0
TA-2	SY-102	7/28/19	7/28/19	1.48E+05	1583.651	0
U-103	UA-1	7/28/19	8/26/19	149200	650.277	0.00E+00
AN-104	AZ-101	8/5/19	8/7/19	294400	3352.155	0
UA-2	SY-102	8/14/19	8/14/19	32454.176	301.95	0
SY-102	AN-104	8/15/19	8/18/19	992900	8437.21	0
UA-2	SY-102	8/18/19	8/19/19	1.16E+05	1079.847	0
AN-104	AZ-101	8/18/19	8/22/19	658100	5640.519	0
U-105	UA-2	8/19/19	9/17/19	1.49E+05	1381.797	0
UA-1	SY-102	8/27/19	8/28/19	149200	650.277	0
U-103	UA-1	8/28/19	9/26/19	149200	650.277	0
TX-102	TA-2	8/29/19	10/2/19	1.48E+05	1583.559	0
TA-1	SY-102	8/30/19	8/31/19	148300	1583.559	0
UA-2	SY-102	9/17/19	9/18/19	1.49E+05	1381.797	0
U-105	UA-2	9/18/19	10/17/19	1.49E+05	1381.797	0
UA-1	SY-102	9/27/19	9/28/19	149200	650.277	0
U-103	UA-1	9/28/19	10/27/19	149200	650.277	0
TX-102	TA-1	10/2/19	11/4/19	143000	1526.389	0
TA-2	SY-102	10/3/19	10/3/19	1.48E+05	1583.559	0
AN-104	AZ-102	10/11/19	10/13/19	335700	2872.908	0
AY-102	AZ-102	10/13/19	10/16/19	583600	5142.067	0.00E+00
UA-2	SY-102	10/17/19	10/18/19	133400	1241.395	0
SY-102	AN-104	10/19/19	10/22/19	993100	8177.835	0
UA-2	SY-102	10/22/19	10/22/19	1.51E+04	140.402	0
U-105	UA-2	10/22/19	11/20/19	148500	1381.797	0
UA-1	SY-102	10/28/19	10/29/19	149200	650.277	0

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Table H2-1. Projected Transfers During Phase 1.

From	To	Begin date	End date	liquid vol. (gal)	solid vol. (gal)	dil. water vol. (gal)
U-103	UA-1	10/29/19	11/27/19	149200	650.277	0
TA-1	SY-102	11/4/19	11/5/19	148400	1526.427	0
TX-118	TA-2	11/4/19	12/11/19	147000	2887.468	0
AY-102	AN-102	11/10/19	11/11/19	2.46E+05	2162.133	0
AN-104	AN-102	11/11/19	11/15/19	861400	7096.969	0.00E+00
AX-101	AY-102	11/11/19	1/25/20	1.97E+05	640.026	0
C-109	AY-102	11/11/19	1/25/20	301800	11508.64	0
UA-2	SY-102	11/20/19	11/21/19	1.49E+05	1381.797	0
U-105	UA-2	11/21/19	12/16/19	127200	1183.344	0
UA-1	SY-102	11/28/19	11/29/19	149200	650.277	0
U-103	UA-1	11/29/19	12/28/19	1.49E+05	650.277	0
AN-104	AP-106	12/7/19	12/8/19	132700	1090.21	0
TX-118	TA-1	12/11/19	1/17/20	1.47E+05	2887.468	0
TA-2	SY-102	12/12/19	12/12/19	1.47E+05	2886.598	0
UA-2	SY-102	12/16/19	12/17/19	1.28E+05	1183.347	0
U-102	UA-2	12/17/19	1/9/20	1.48E+05	1602.398	0
UA-1	SY-102	12/29/19	12/29/19	107200	467.255	0

### H3.0 PHASE 2 MATERIAL ACCOUNTING

Totalized Phase 2 material flow (i.e., the sum of all transfers via a given stream over the course of Phase 2) is summarized in Table H3-1, corresponding to the stream numbers in Figure H3-1. Figure H3-1 is a simplified diagram of material flows in the HTWOS model.. Single-shell tank (SST) farms is the focus of retrieval activity during Phase 2. SST waste is retrieved into the double-shell tank (DST) system. A few DSTs are retrieved for the first time during Phase 2, but the DST system functions primarily as a waste staging facility. The waste staging operation is divided into a high-level waste (HLW) side and a low-activity waste (LAW) side. The inner workings of the staging facilities is shown for illustration only; it is not relevant to this high level material accounting.

Phase 2 material accounting includes the following:

1. The amount of material recovered from the SSTs into the DSTs.
2. The SY farm, HLW/LAW staging complex at the beginning of Phase 2.
3. The materials in process at the WTP at the beginning of Phase 2
4. Capsules processed during Phase 2.

Item 1 consists of Streams 1 through 5. The HTWOS model retrieves these streams in a series of batches over the duration of Phase 2. Schematically, West Area SSTs are added to the SY farm inventory, and the waste is then transferred cross-site into the HLW/LAW staging complex. East Area SSTs are likewise recovered into the staging complex.

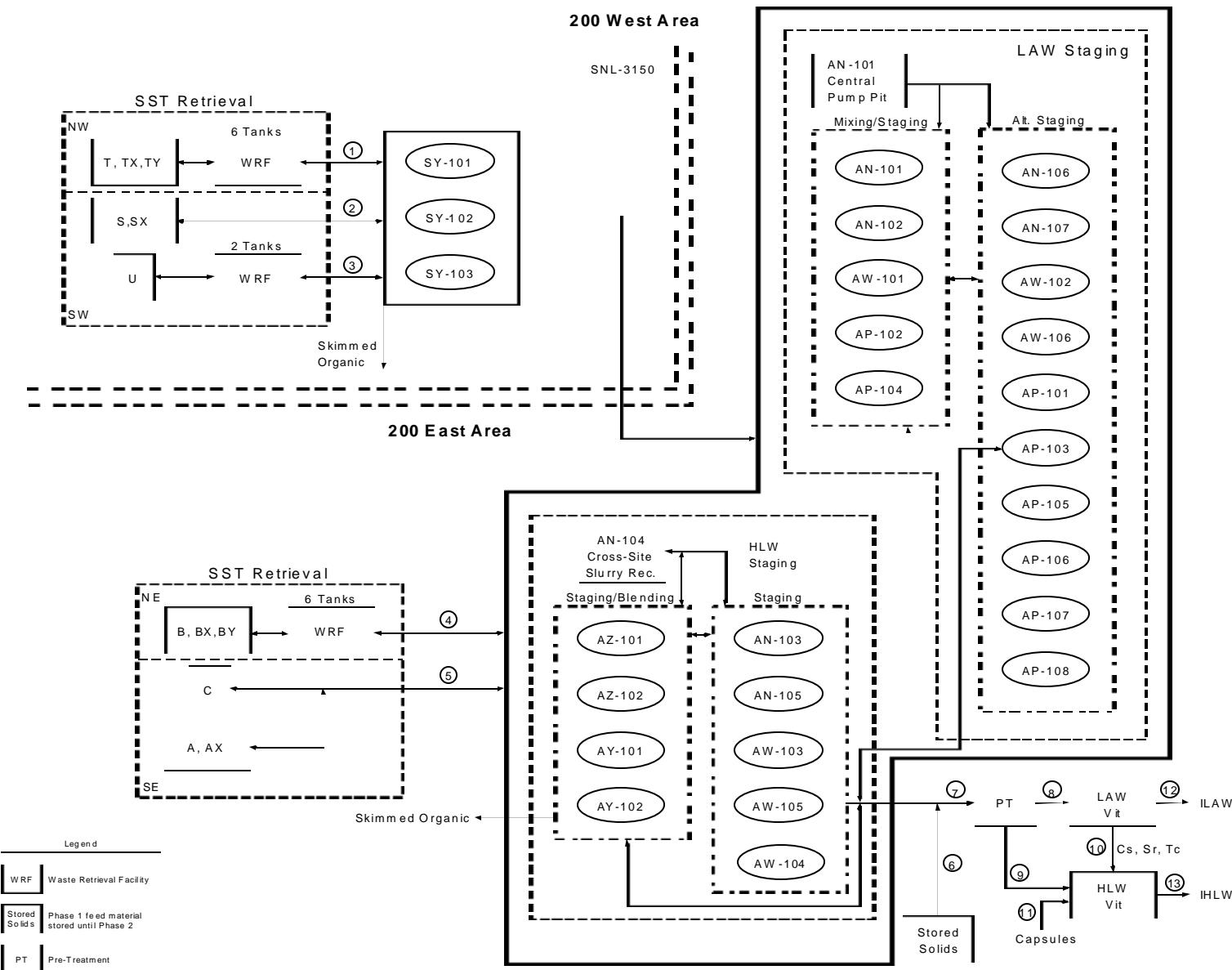
Waste residing in the SY farm and HLW/LAW staging complex at the beginning of Phase 2 is designated as the DST snapshot. Stream 6 is the snapshot of materials in process at the WTP.

All of the above are combined in Stream 7, representing the total waste material processed through the WTP pretreatment facility over the duration of Phase 2. In real life, these materials are feeding the WTP in discrete batches. Stream 7 also includes an estimate of the water, NaOH, and NaNO<sub>2</sub> added by the WTP during sludge leaching and washing.

HTWOS tracks operations within the WTP as shown in the simplified Figure H3-1. Pretreatment consists of solid-liquid separations, caustic leaching, and selected radionuclide separations. Pretreated liquids (Stream 8) and pretreated solids (Stream 9) feed their respective vitrification plants. (Note: for the purposes of this high-level schematic, HTWOS applies radionuclide separation factors in the LAW vitrification plant. The recovered Sr, Cs, and Tc in Stream 10 actually accounts for the radionuclides that are separated in the pretreatment plant. There is no convenient way for the HTWOS model as currently configured to do the nuclide separations in the pretreatment block). The feeds resulting from breaching Cs and Sr capsules (Stream 11) are likewise processed in the HLW vitrification plant.

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Figure H3-1. Phase 2 Overall Material Balance.







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Table H3-1 decays radionuclides to the start of Phase 2 in 2019, but does not account for decay beyond that date.

The products resulting from vitrification are packages of immobilized low-activity waste (ILAW) (Stream 12) and canisters of immobilized high-level waste (IHLW) (Stream 13). Package and canister counts are discussed in Section 6.0.

Material accounting in HTWOS will be more comprehensive after a task to integrate the WTP process model is completed in the near future. For example, HTWOS currently adds water for the retrieval of SSTs, but has no mechanism for determining if a caustic adjustment is required. HTWOS adds sodium hydroxide during caustic leaching, but does not add chemicals for the radionuclide separations. HTWOS does not address the volatile chemical species released to the atmosphere from melter offgas treatment, nor the wastewater evolved from glass melting. The integrated model will eventually address the treatment of waste waters at the Effluent Treatment Facility as well as the feed staging and treatment process.

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